

LATEST REVISION

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&MAA/4	Amendment page		1/10/2023	MKLEPADLO	
&MAA/5	Amendment page		1/10/2023	MKLEPADLO	
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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Table of contents : &MAA/1 - &MFS=V1AR31UQ41KF1+V1AR31UQ41/1	Drawing name: =2V10&MFS-PNEU	=
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Appr		Replacement of	Replaced by	Scale 1:1	Document type: MAB	Project nr: 22-16150
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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Table of contents :	Drawing name:	=		
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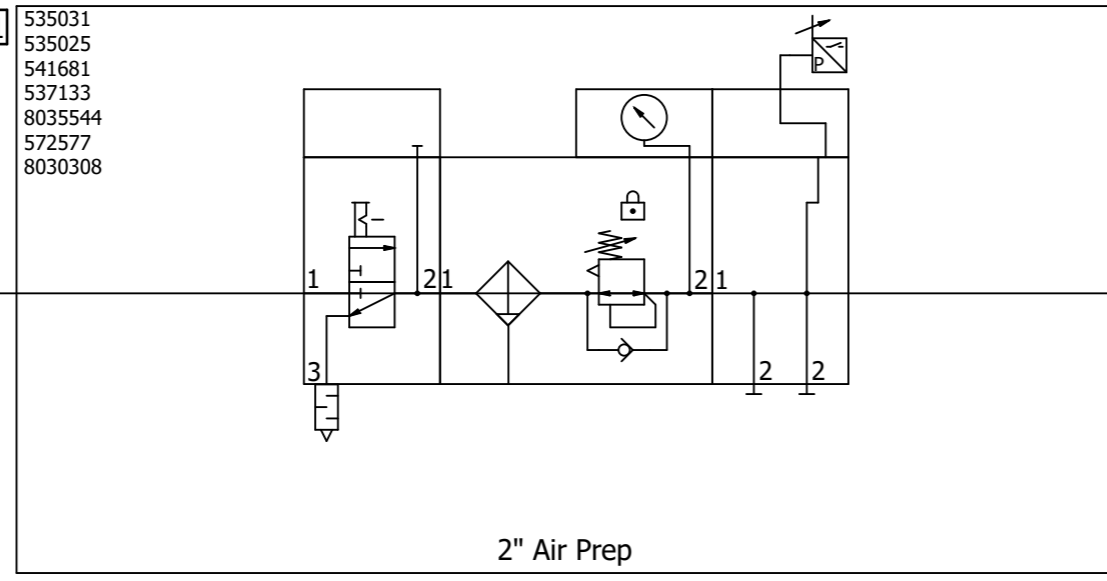
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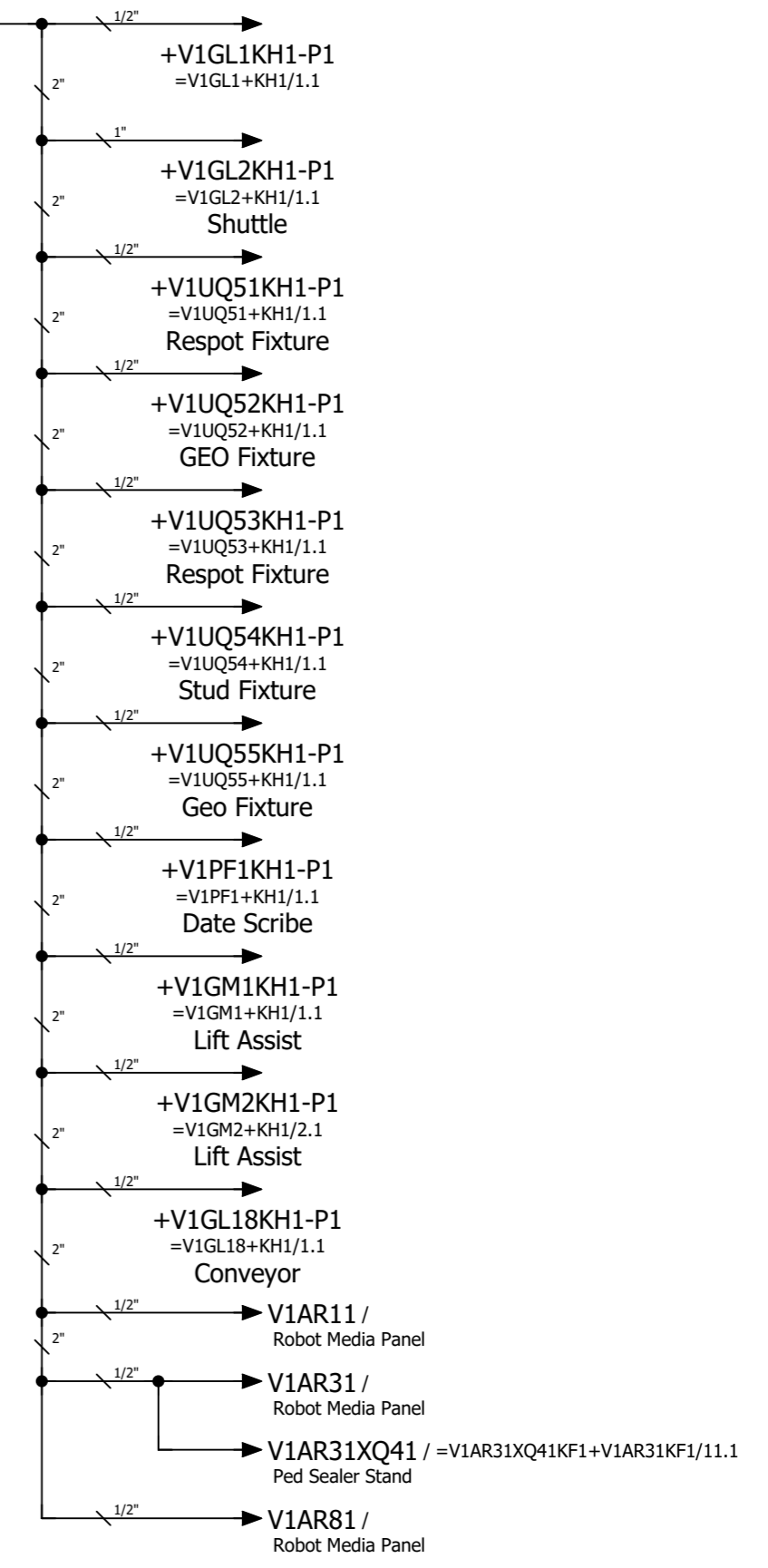
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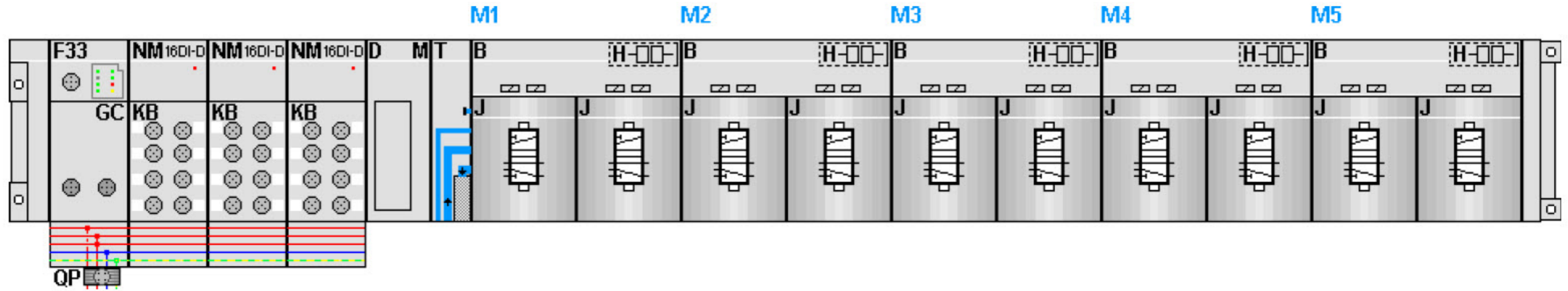


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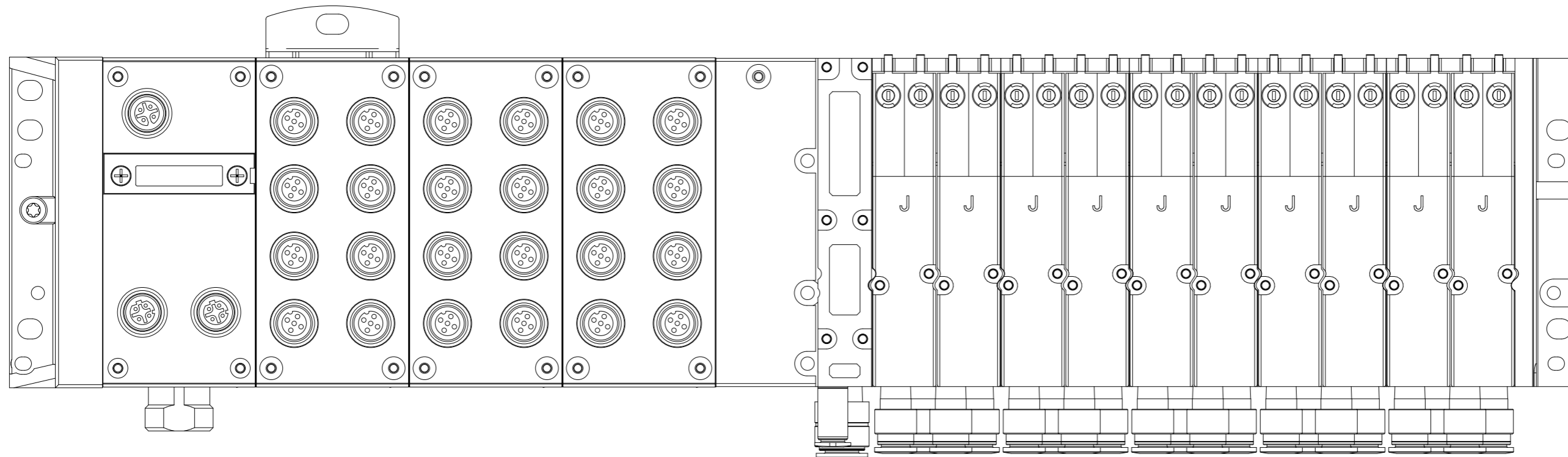


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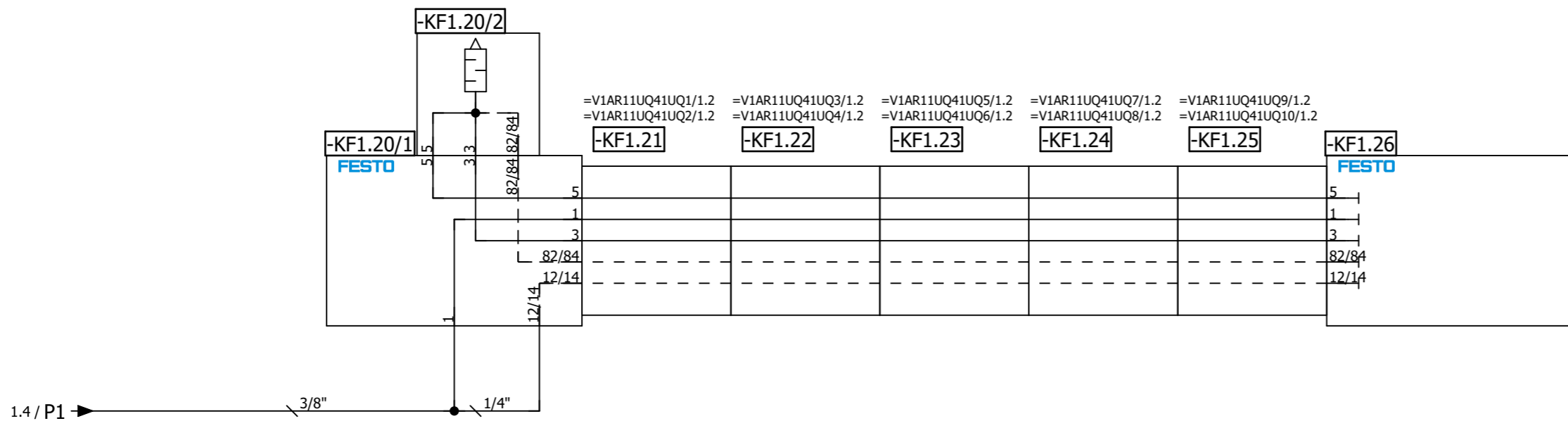
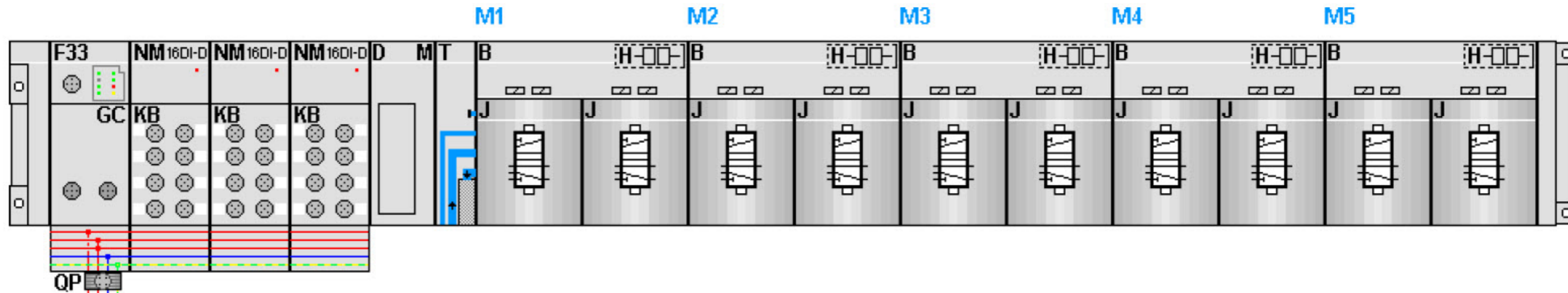
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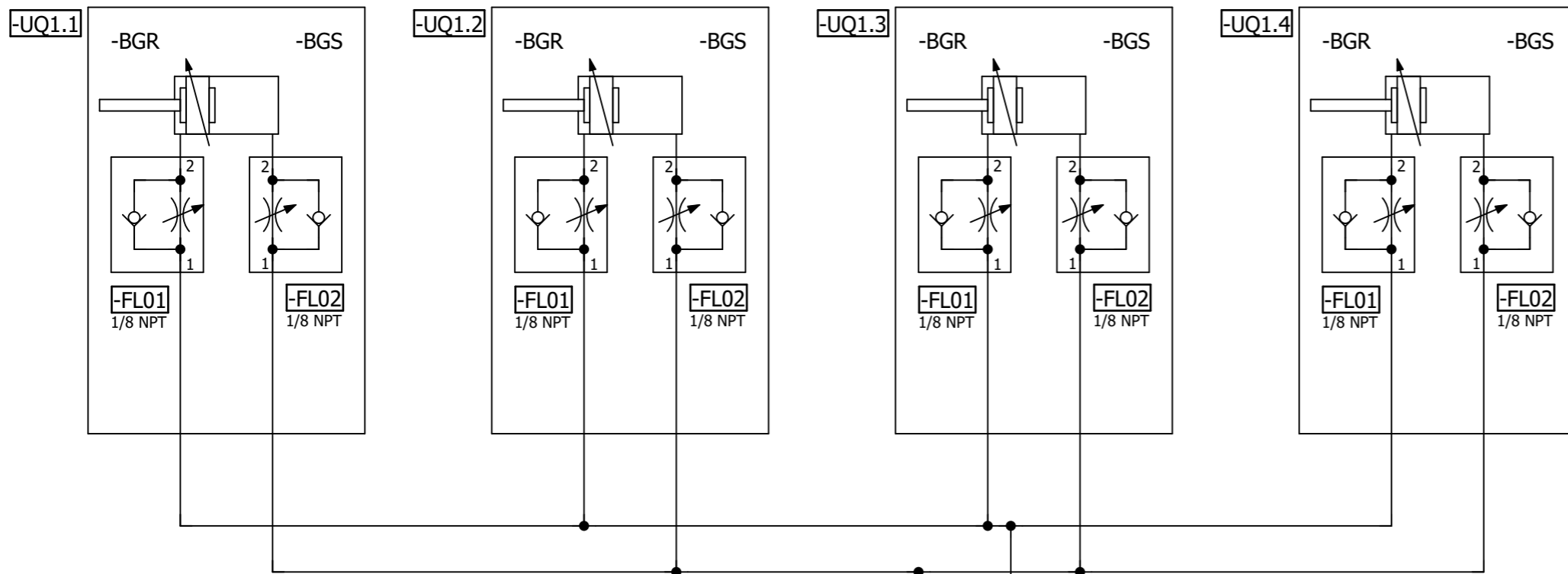


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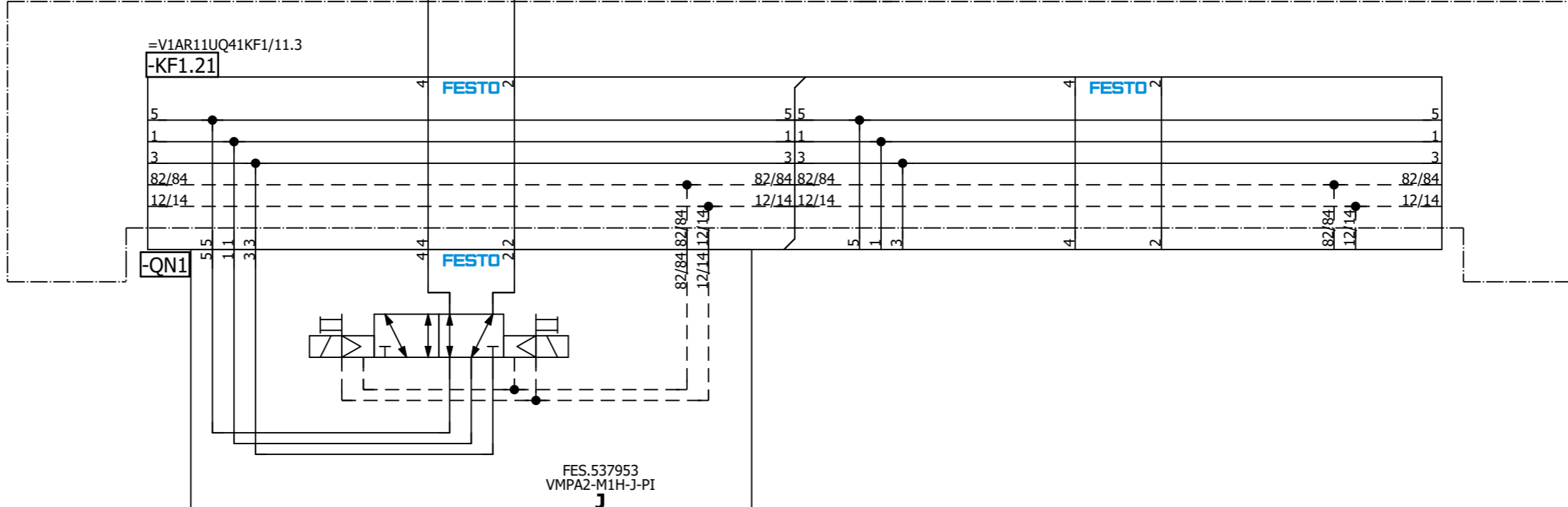


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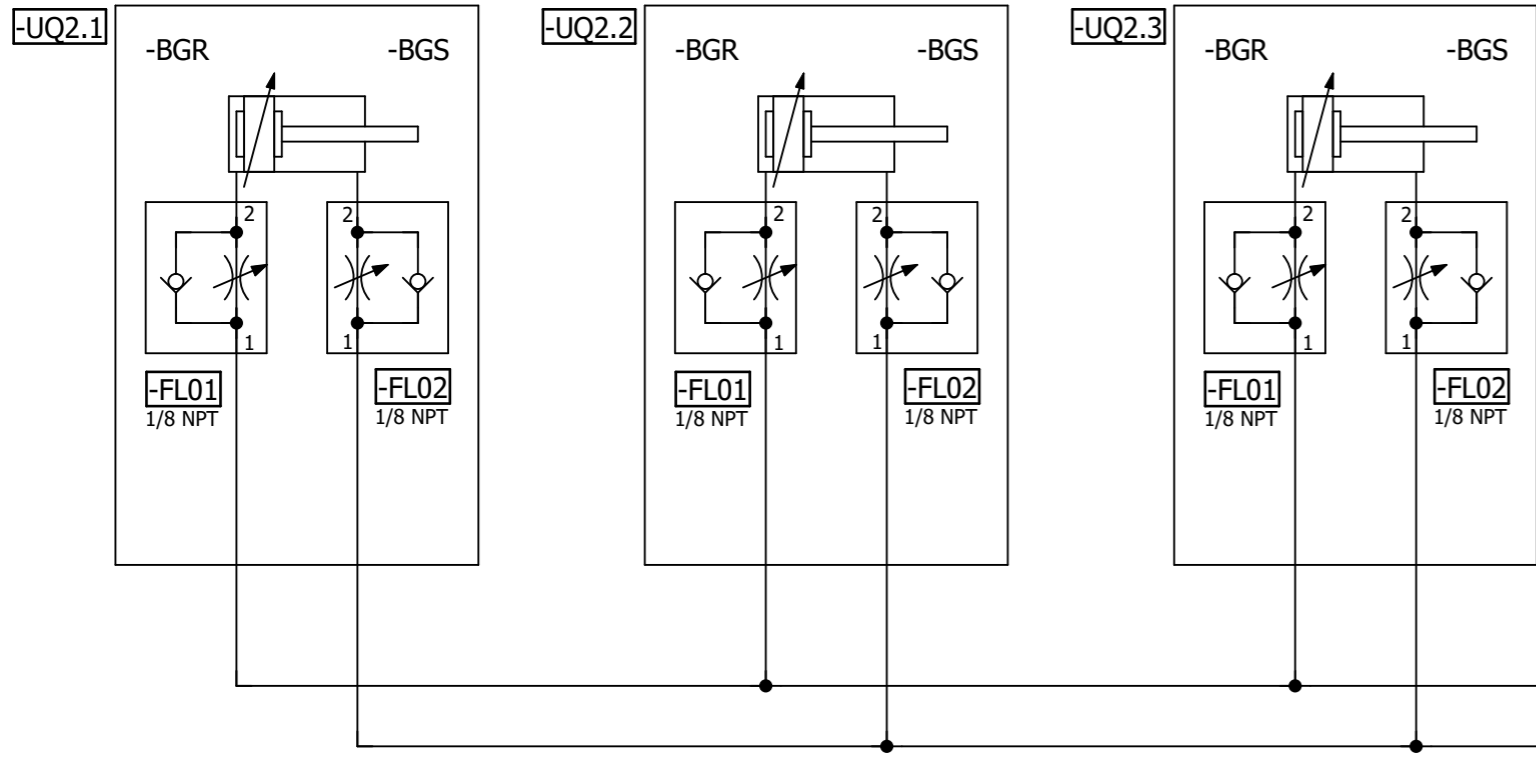
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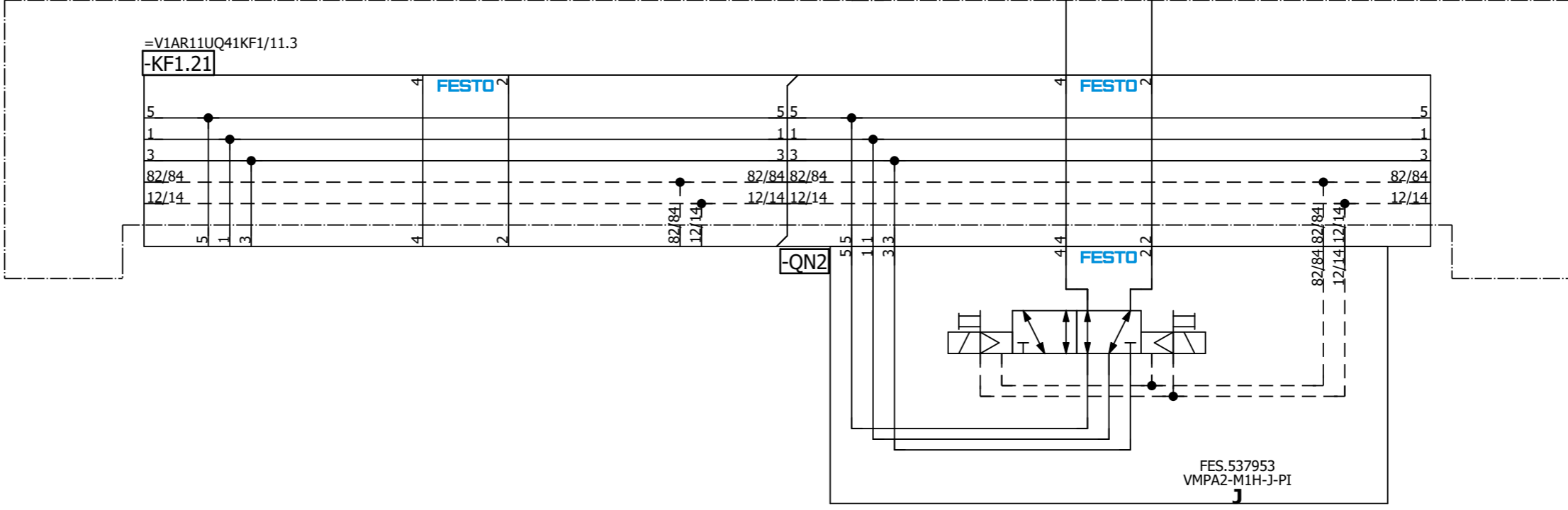
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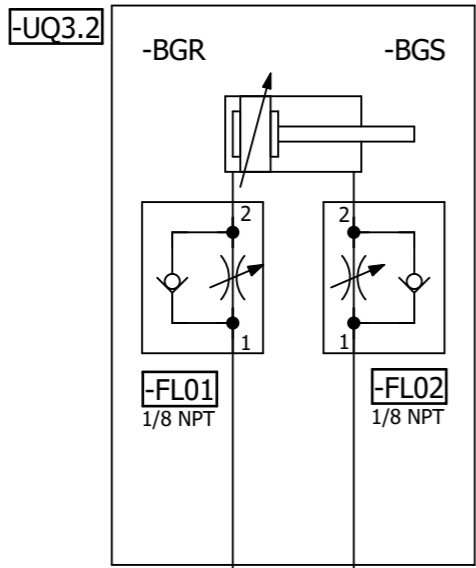
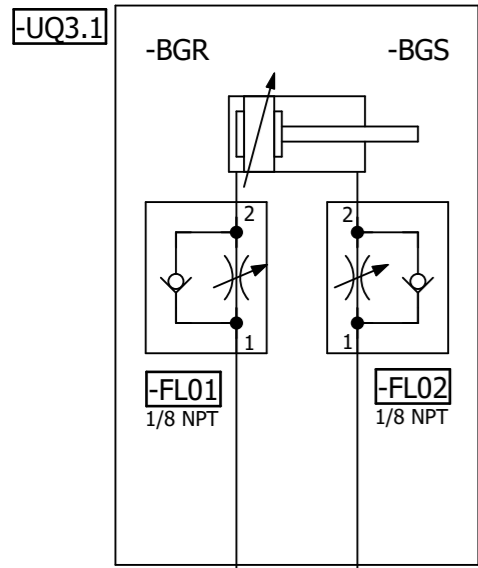
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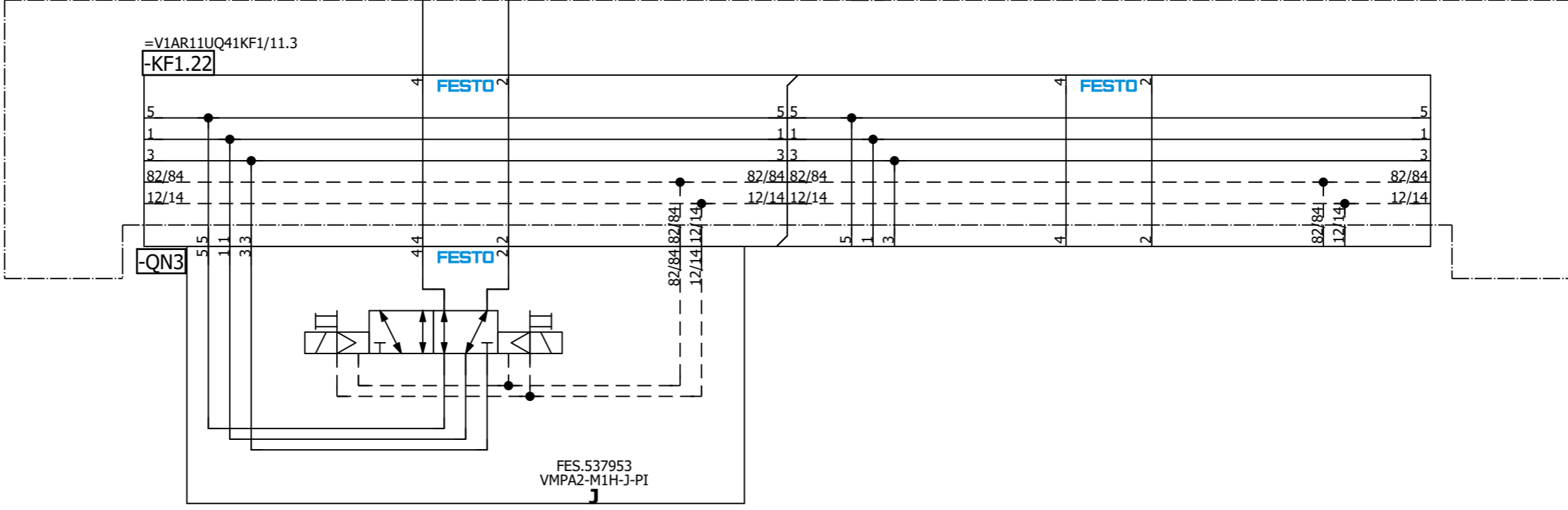
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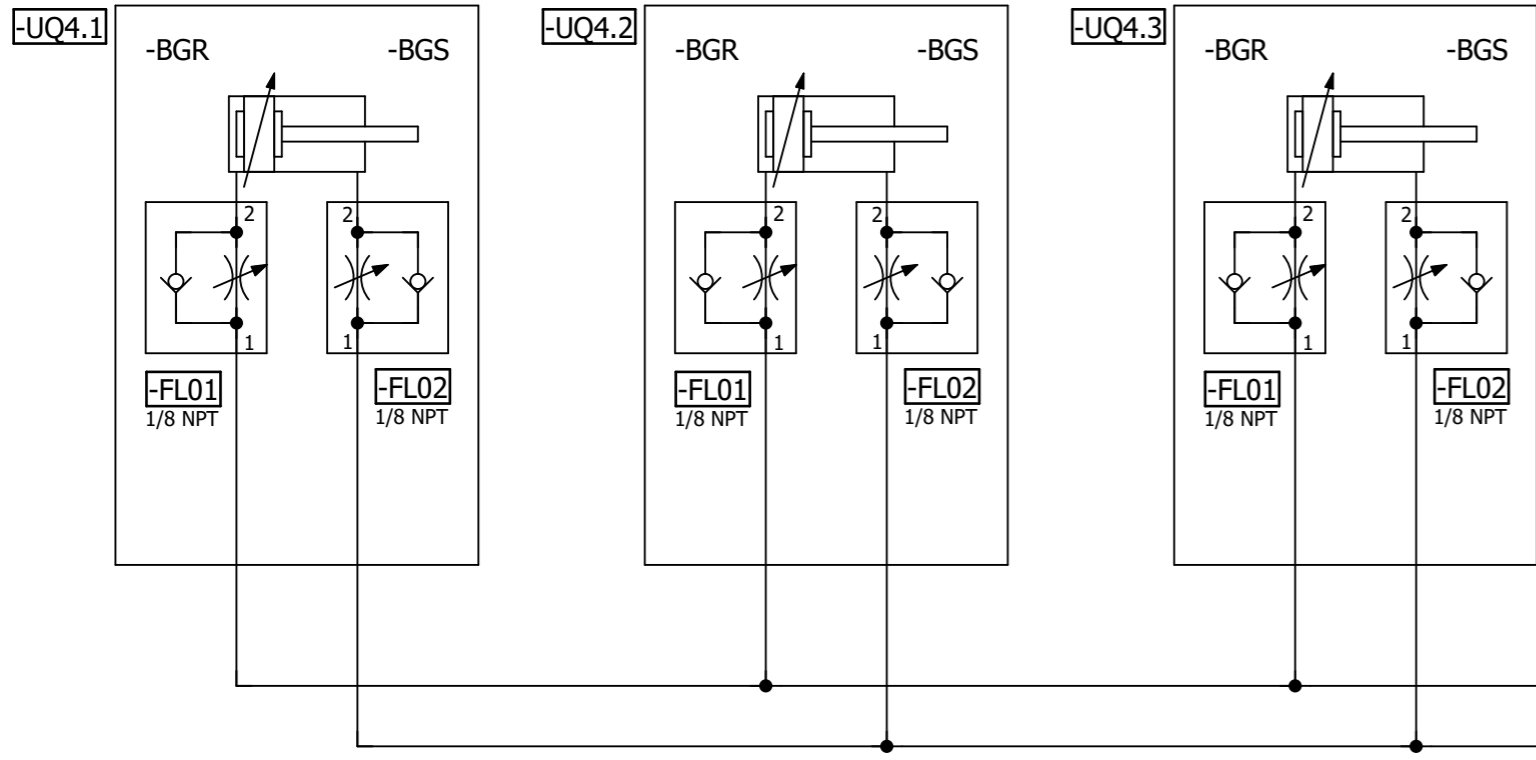
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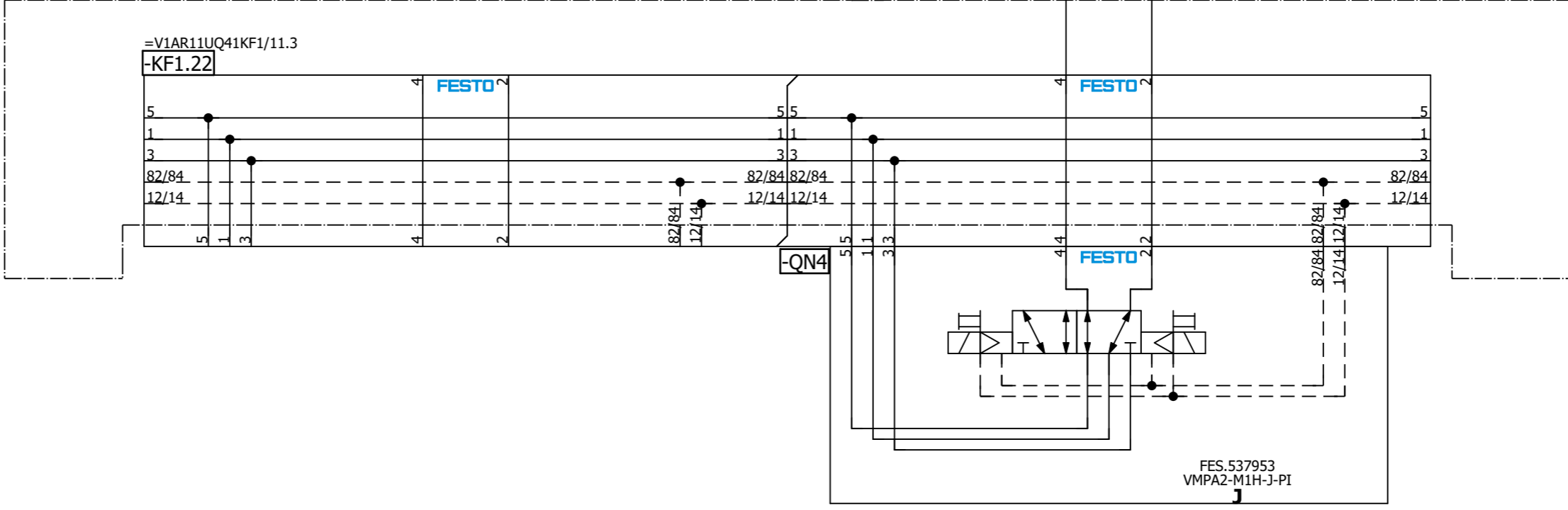
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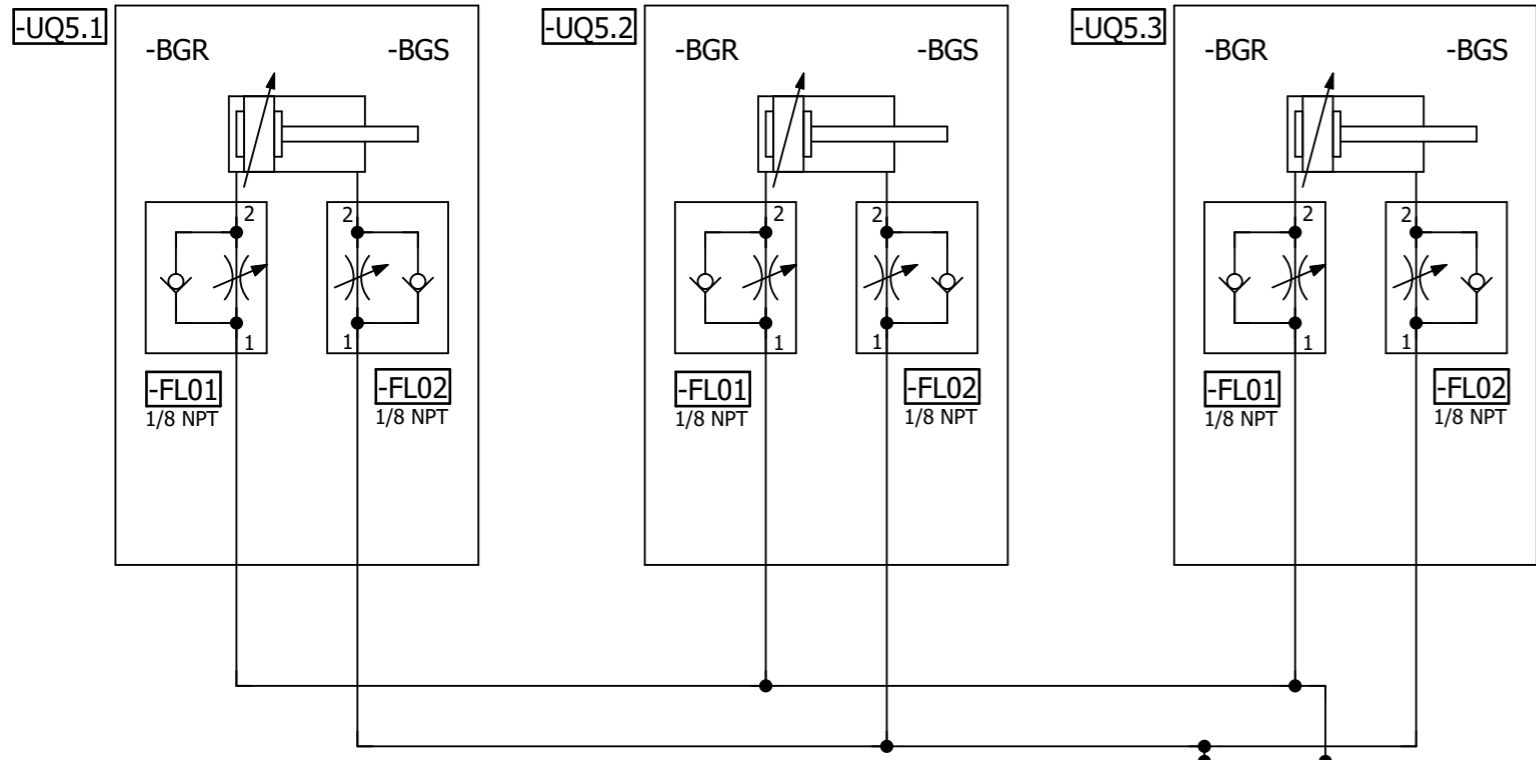
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Clamps 4
(RST)

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Clamps 4
(SET)

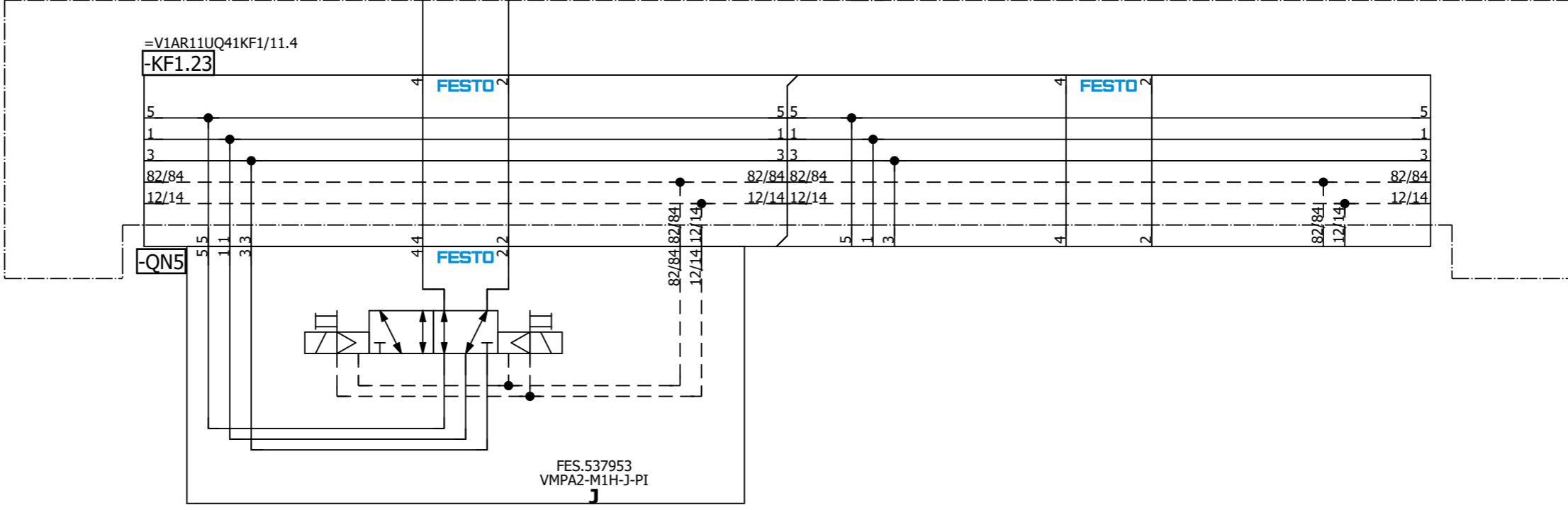
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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1		=2V10&MFS-PNEU	+ V1AR11UQ41
Modification	Date	Name	Appr.	Original	Replacement of	Replaced by			Document type:	Project nr:
									MFS	22-16150
									Page	1
										420



=V1AR11UQ41KF1



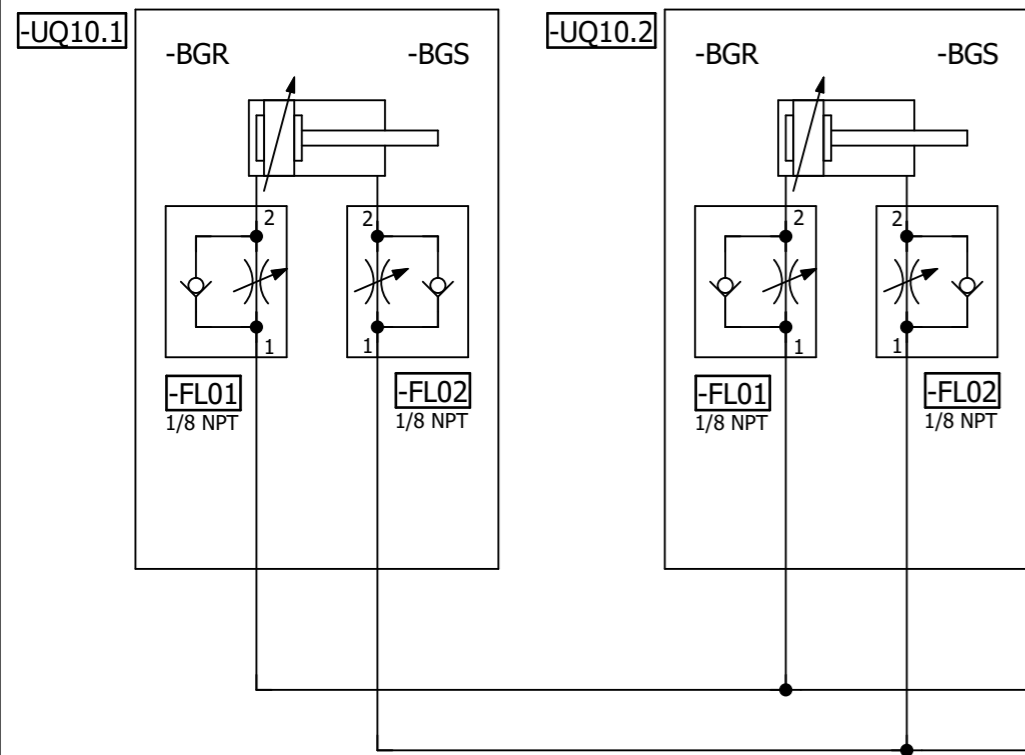
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Clamps 5
(RST)

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-UQ5-QN5.2
Clamps 5
(SET)

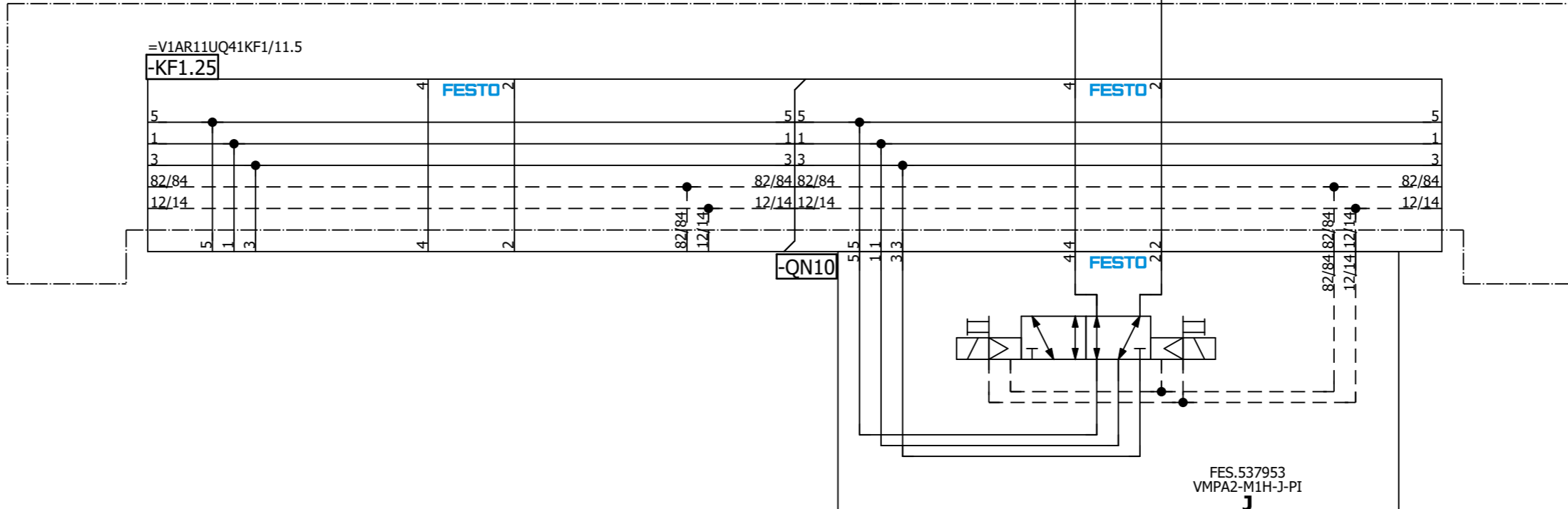
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Date		1/10/2023	Volvo Trucks North America		Valiant TMS		Clamps 5		Drawing name:		= V1AR11UQ41UQ5	
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		= 2V10&MFS-PNEU	
Appr.			Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date	Name		Original				MFS		Page 1	
											420	



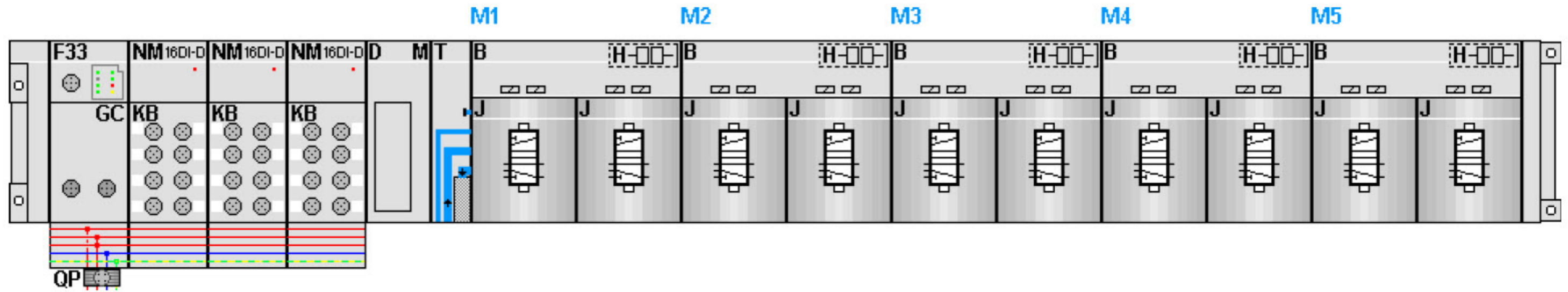
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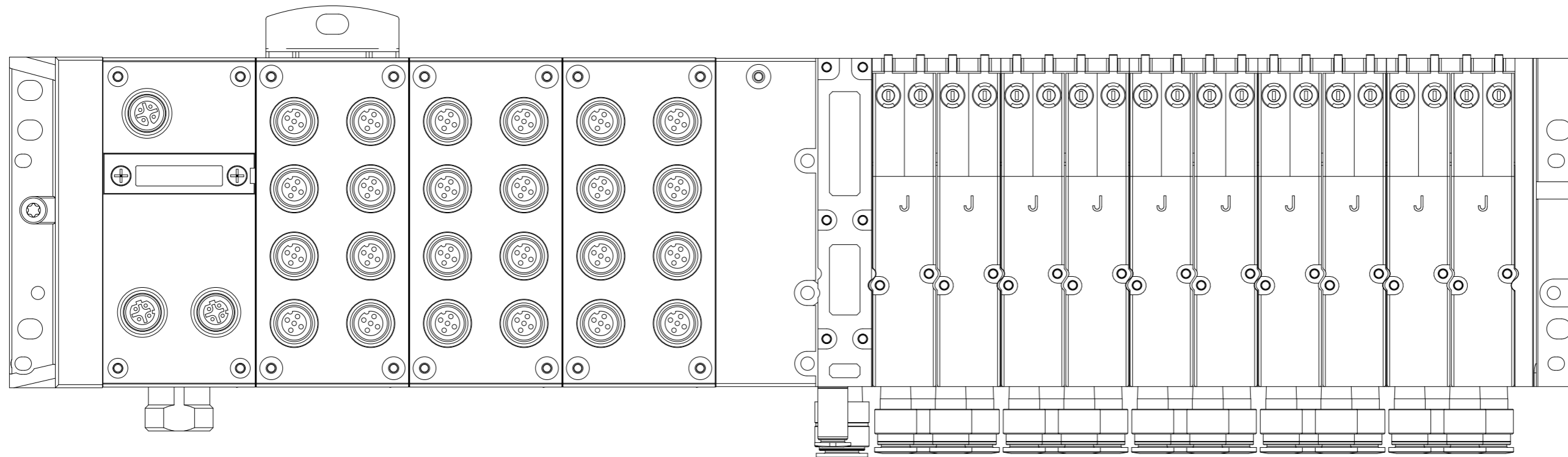
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Clamps 10
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Clamps 10
(SET)

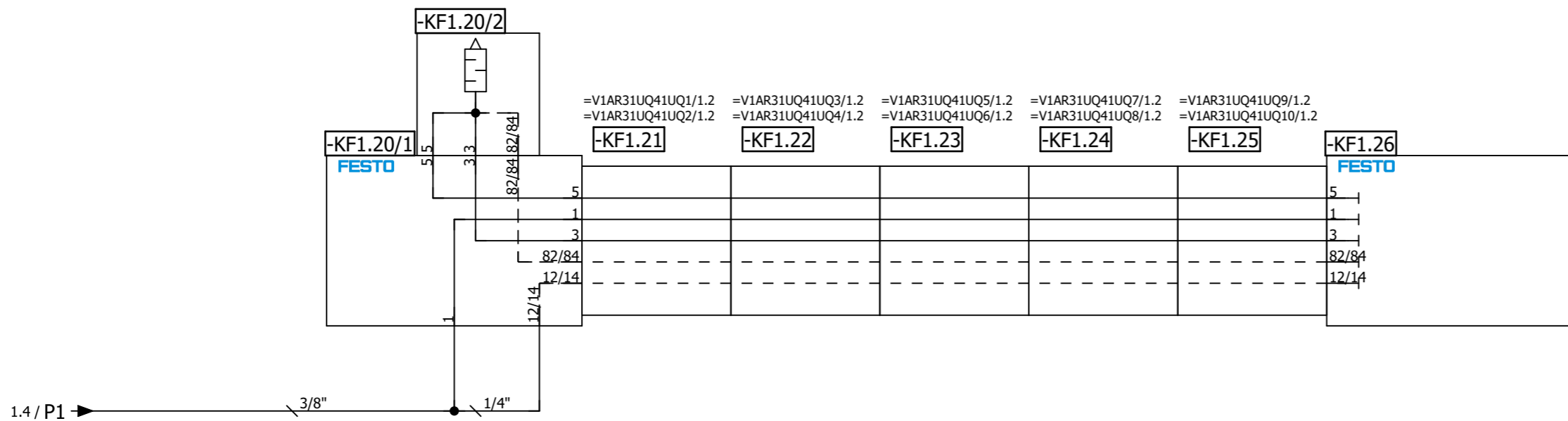
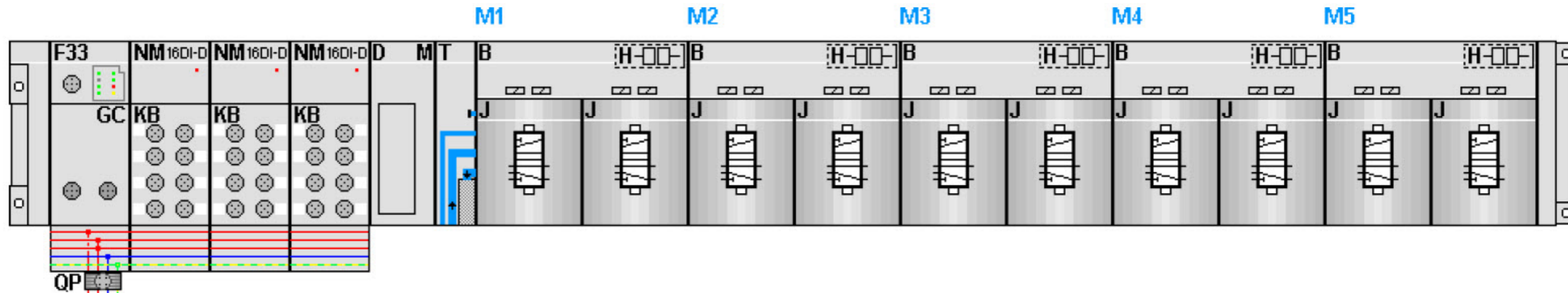
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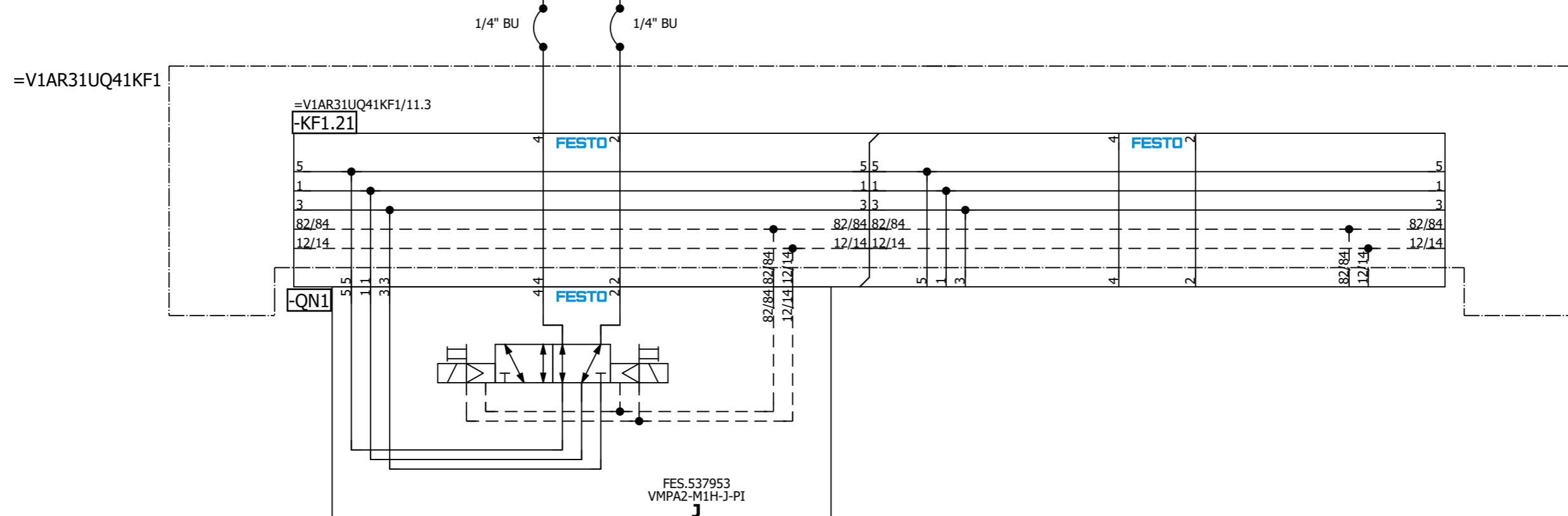
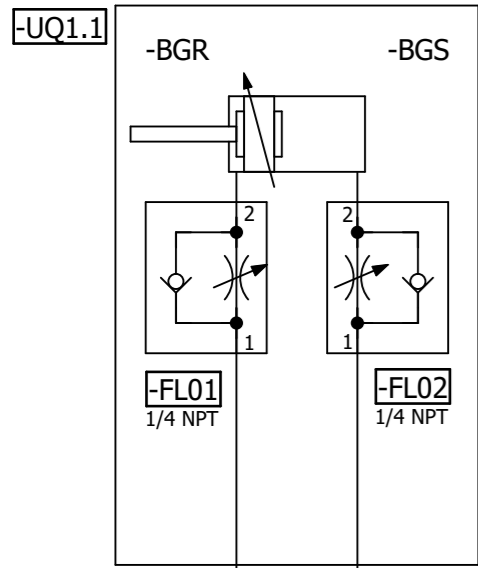


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Date		1/10/2023		Volvo Trucks North America		Valiant TMS		AIR SUPPLY CONFIGURATION		Drawing name:		= V1AR31UQ41KF1	
Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		+ V1AR31UQ41	
Appr				Replacement of		Replaced by				Project nr:		Page	
Original										MFS		5	
Modification		Date		Name						22-16150		420	





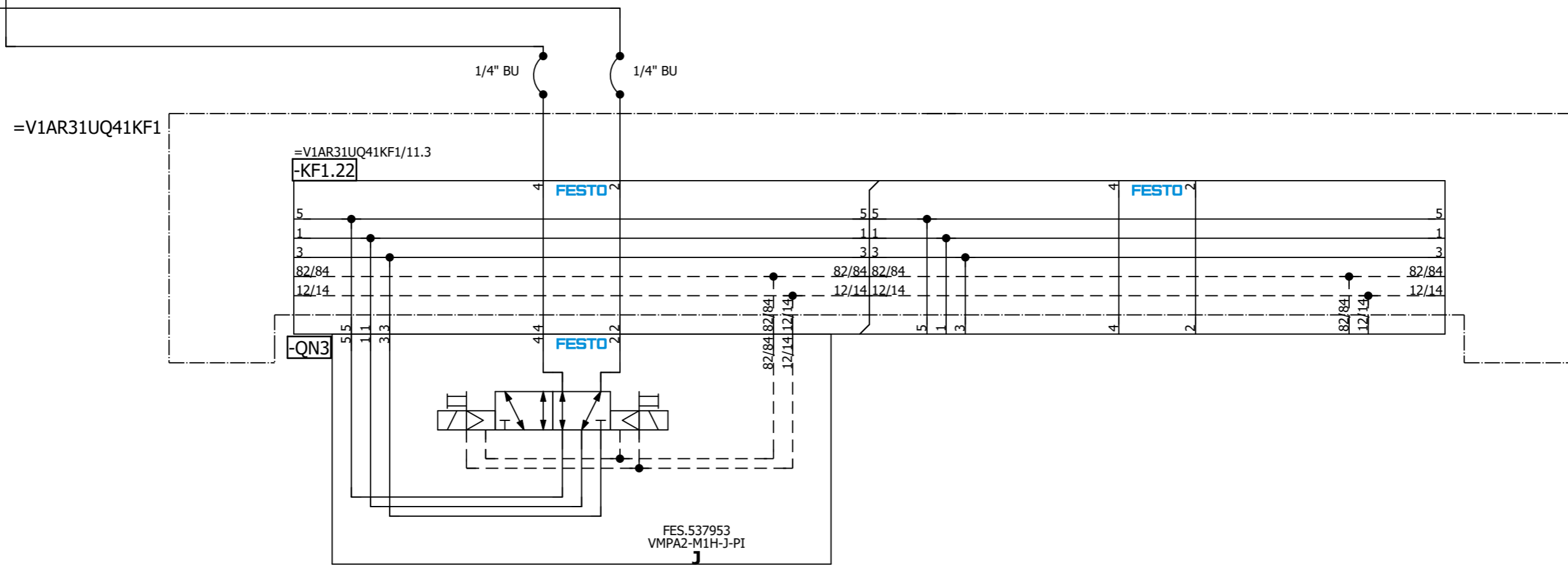
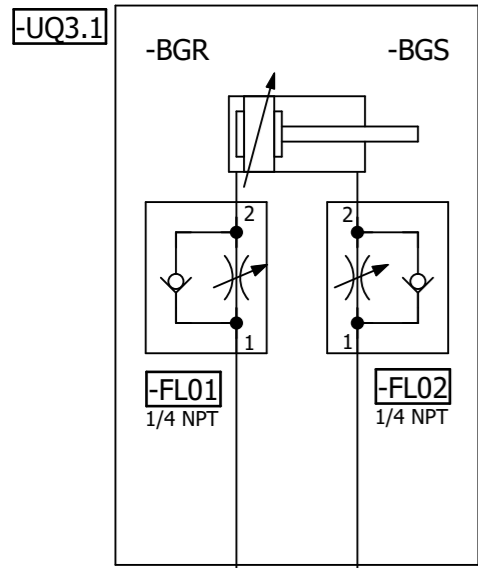
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Shot Pin 1
(RST)

=V1AR31UQ41
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Shot Pin 1
(SET)

=V1AR31UQ41KF1/11

=V1AR31UQ41UQ2/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 1	Drawing name:		= V1AR31UQ41UQ1
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1AR31UQ41
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1



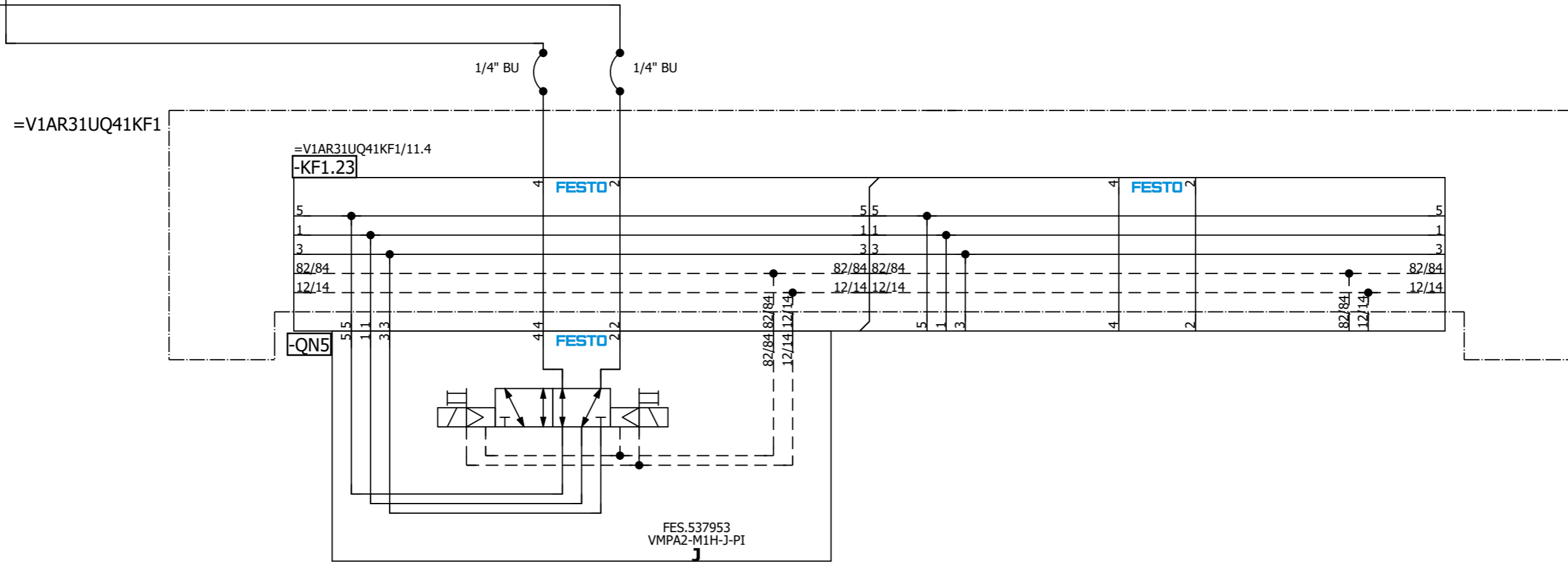
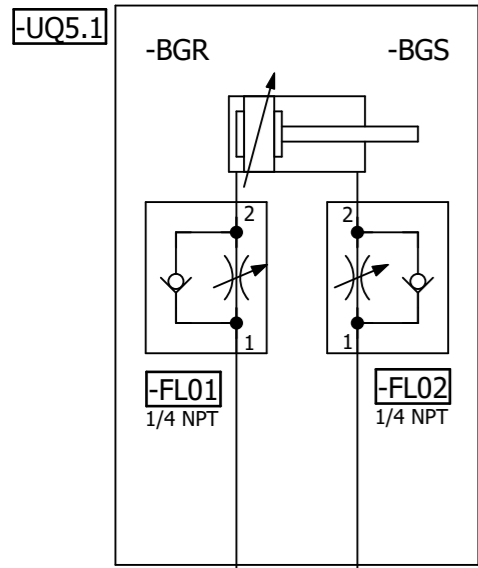
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Clamp 3
(RST)

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-UQ3-QN3.2
Clamp 3
(SET)

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=V1AR31UQ41UQ4/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 3	Drawing name:		= V1AR31UQ41UQ3
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1AR31UQ41
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									420



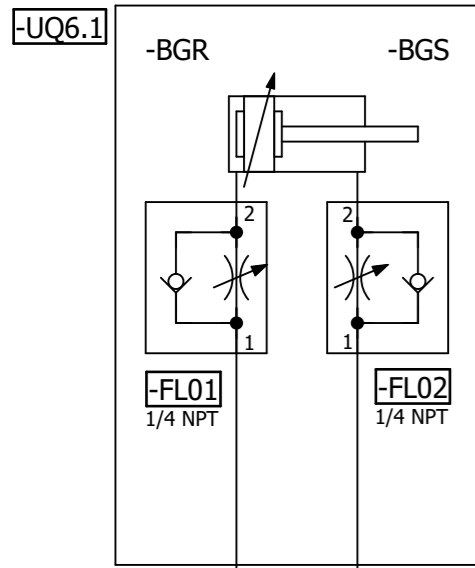
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Clamp 5
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Clamp 5
(SET)

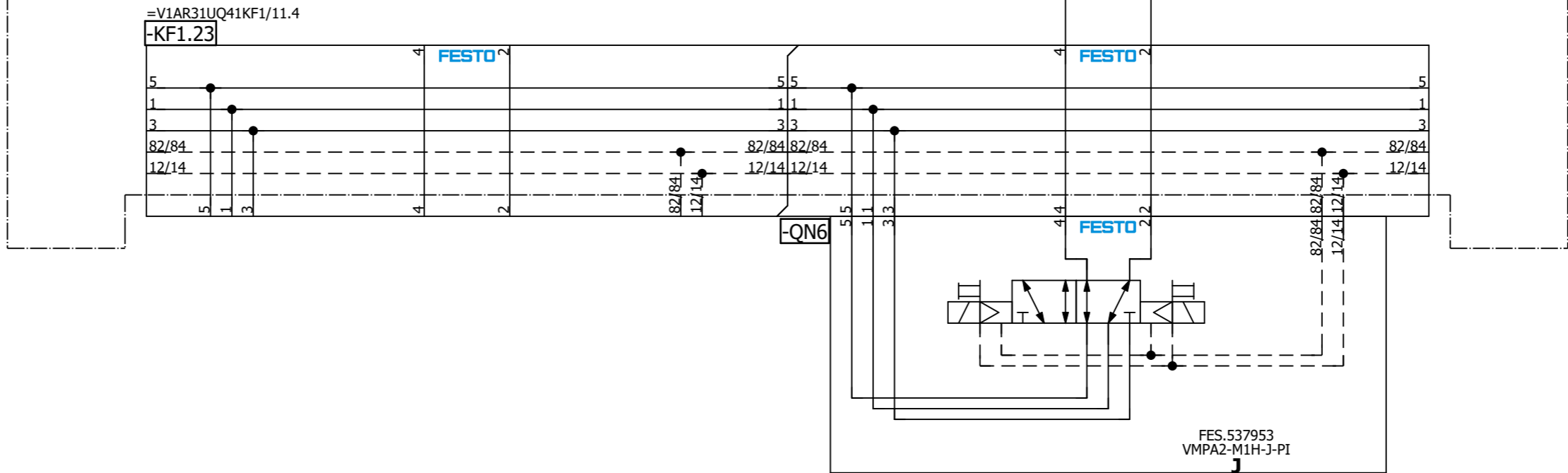
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1AR31UQ41
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									420



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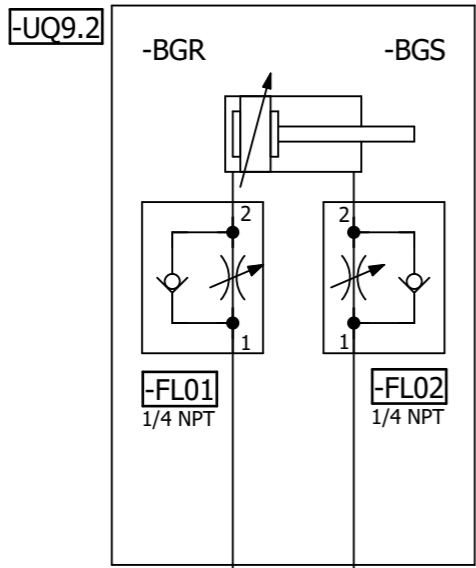
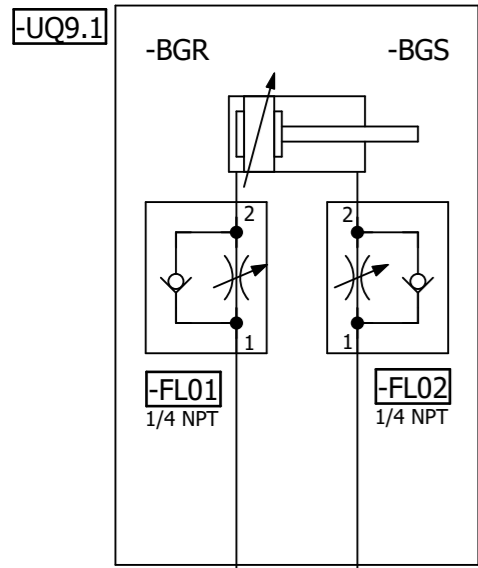
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Clamp 6
(RST)

=V1AR31UQ41
-UQ6-QN6.2
Clamp 6
(SET)

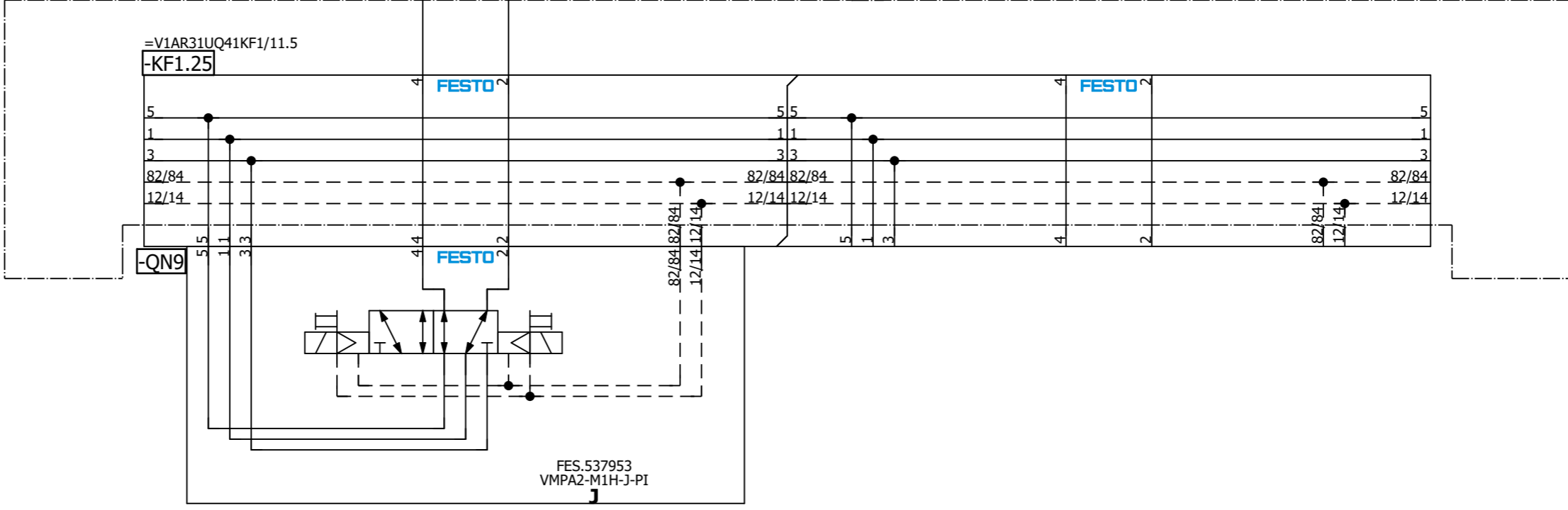
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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 420



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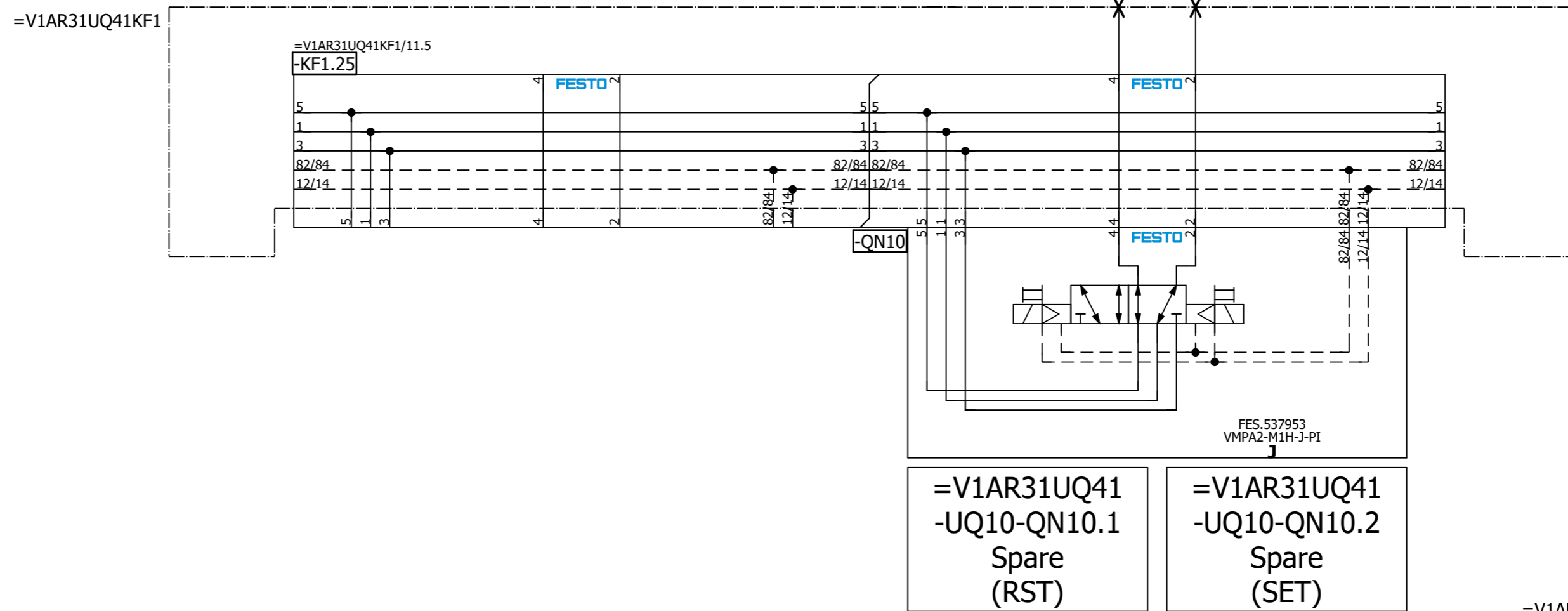
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Clamps 9
(RST)

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Clamps 9
(SET)

=V1AR31UQ41UQ8/1

=V1AR31UQ41UQ10/1

Date		1/10/2023		Volvo Trucks North America		Valiant TMS		Clamps 9		Drawing name:		= V1AR31UQ41UQ9	
Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		= 2V10&MFS-PNEU	
Appr.				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
										Page		420	

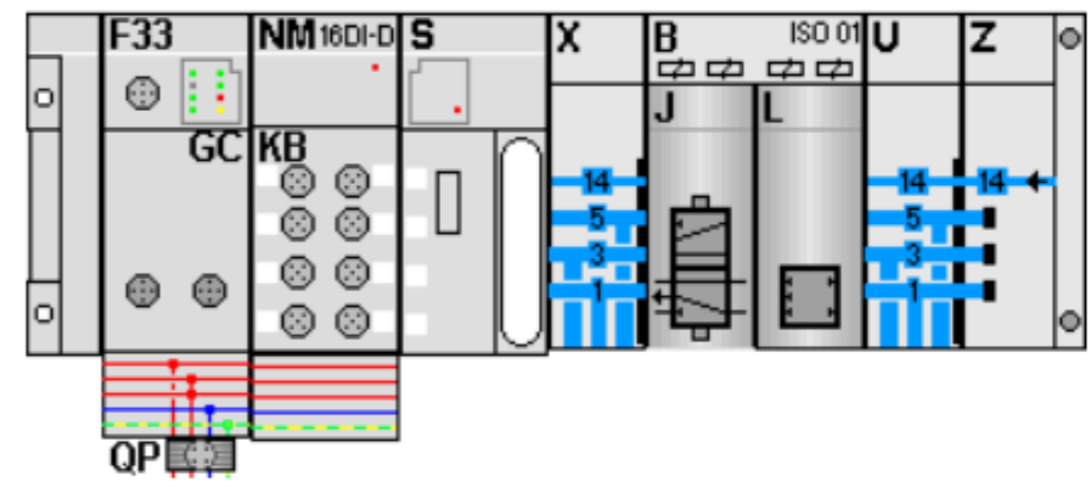


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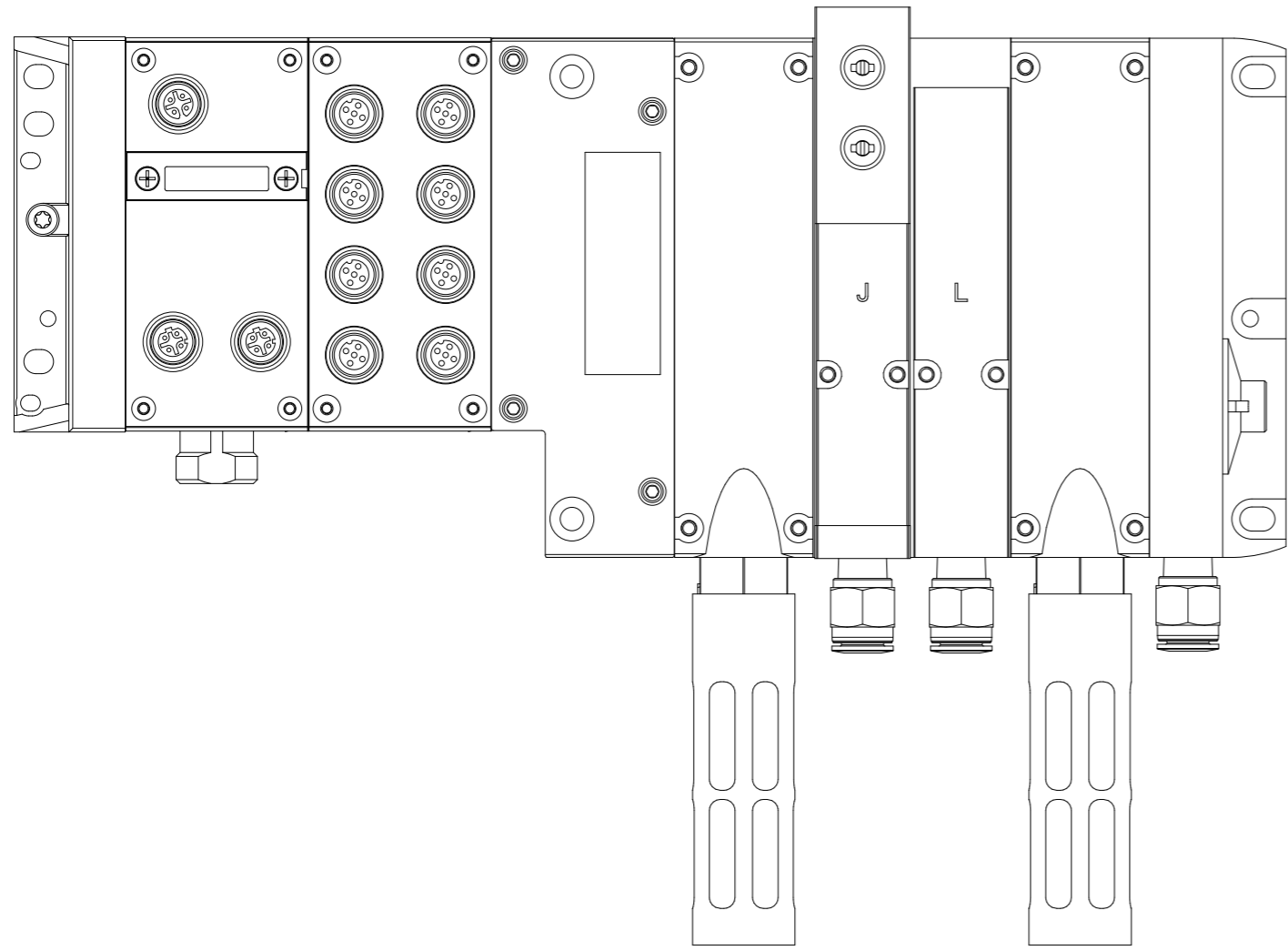
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Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		= 2V10&MFS-PNEU	
Appr.				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
										Page		420	

M1

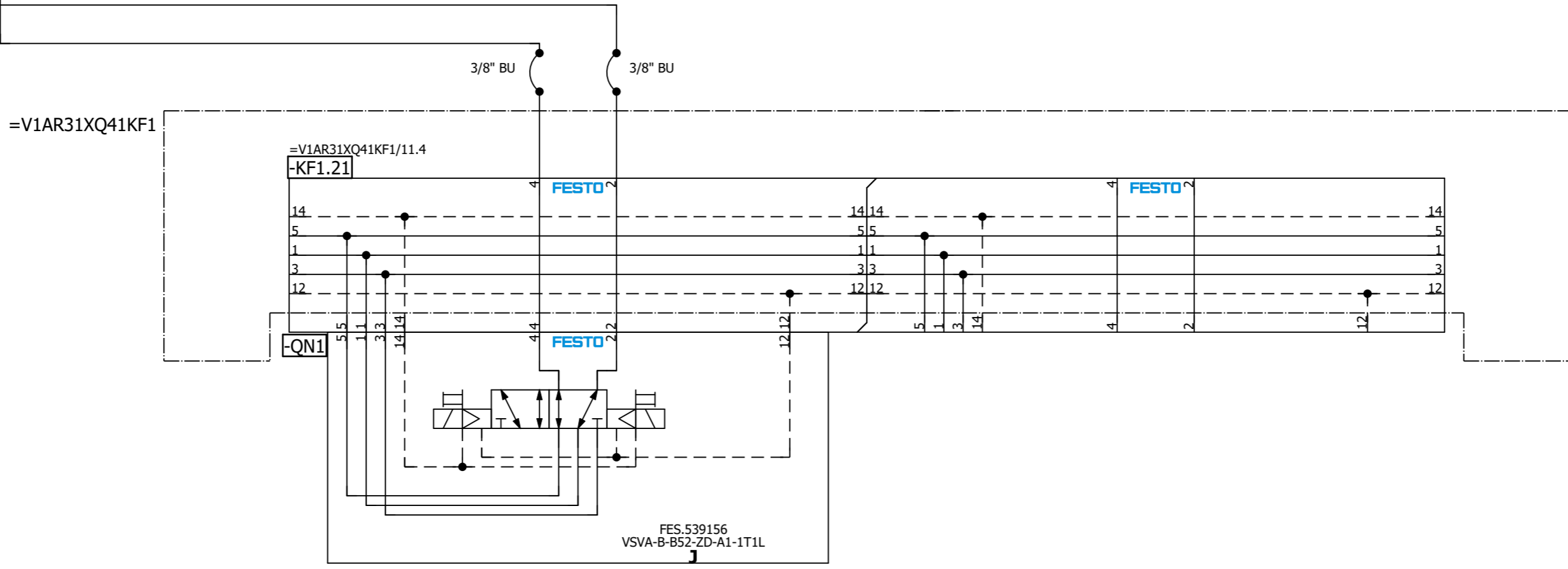
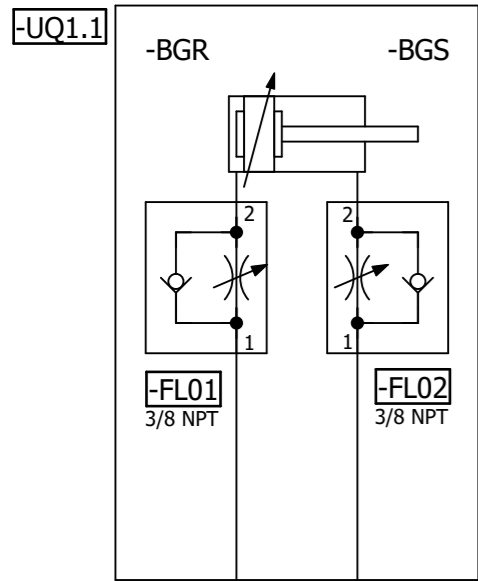


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Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Drawing name: =2V10&MFS-PNEU Document type: MFS		Project nr: 22-16150		Page 5
				Date: 1/10/2023 Ed.: MKLEPADLO Appr:	Volvo Trucks North America P6700 Bodyside RH - Robot Cell 2V10			Valiant TMS AIR SUPPLY CONFIGURATION		= V1AR31XQ41KF1 + V1AR31KF1		420



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-UQ1-QN1.1
Cylinder
(RST)

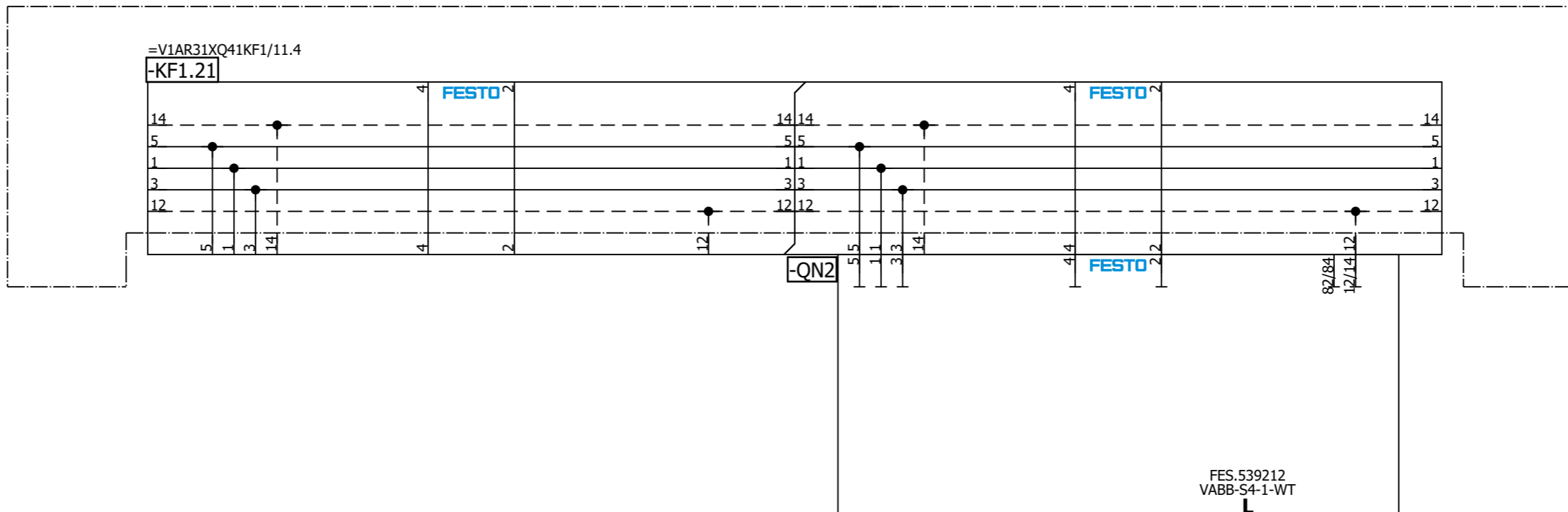
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Cylinder
(SET)

=V1AR31XQ41KF1/11


=V1AR31XQ41UQ2/1

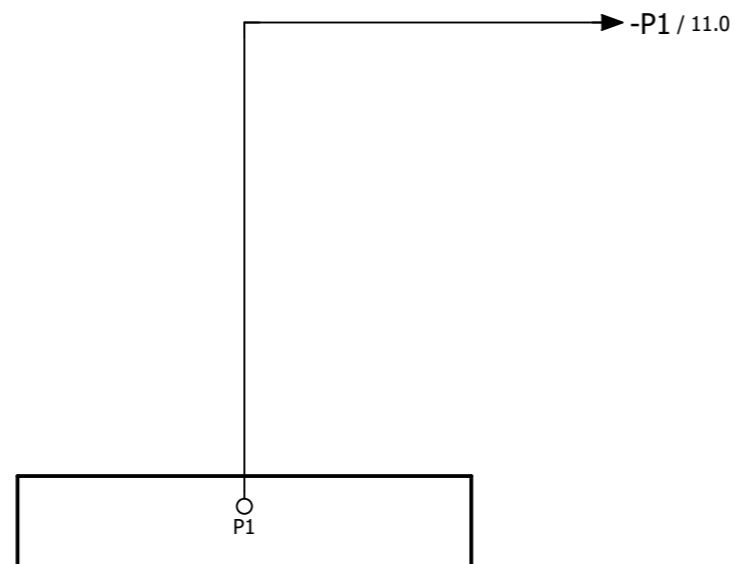
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1AR31KF1
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1

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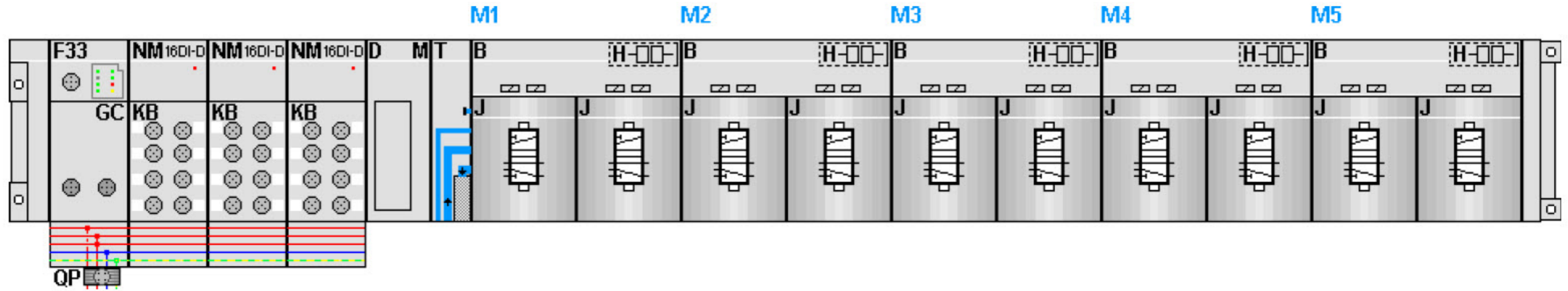
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			Ed.	MKLEPADLO		Scale 1:1		=2V10&MFS-PNEU		Project nr:	22-16150
			Appr					+ V1AR31KF1			
Modification	Date	Name	Original		Replacement of	Replaced by					420

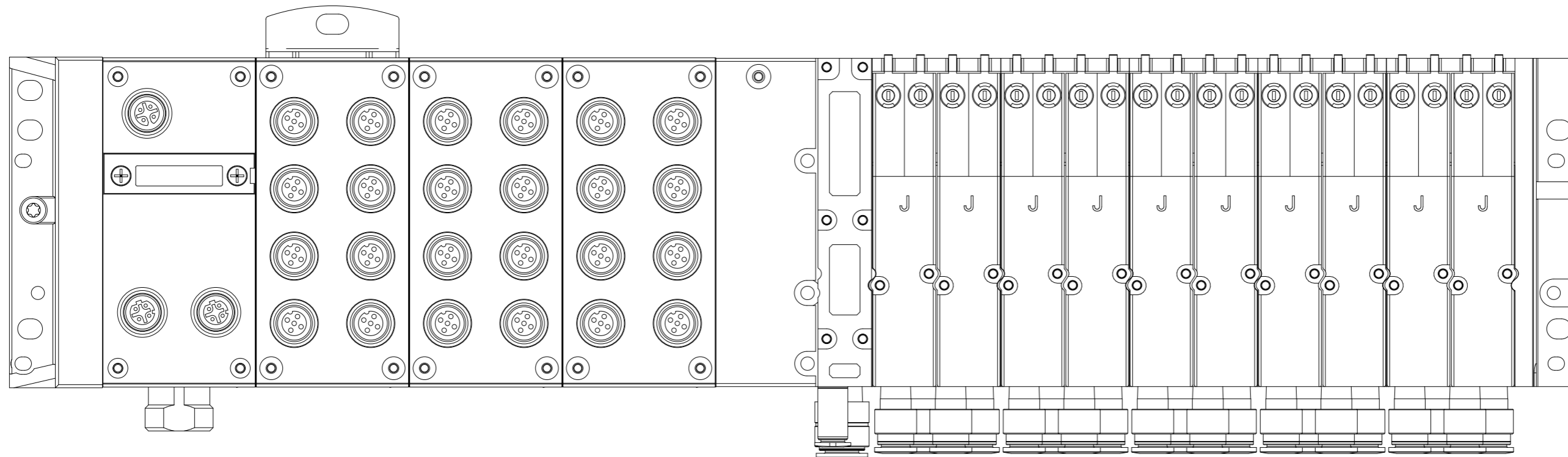


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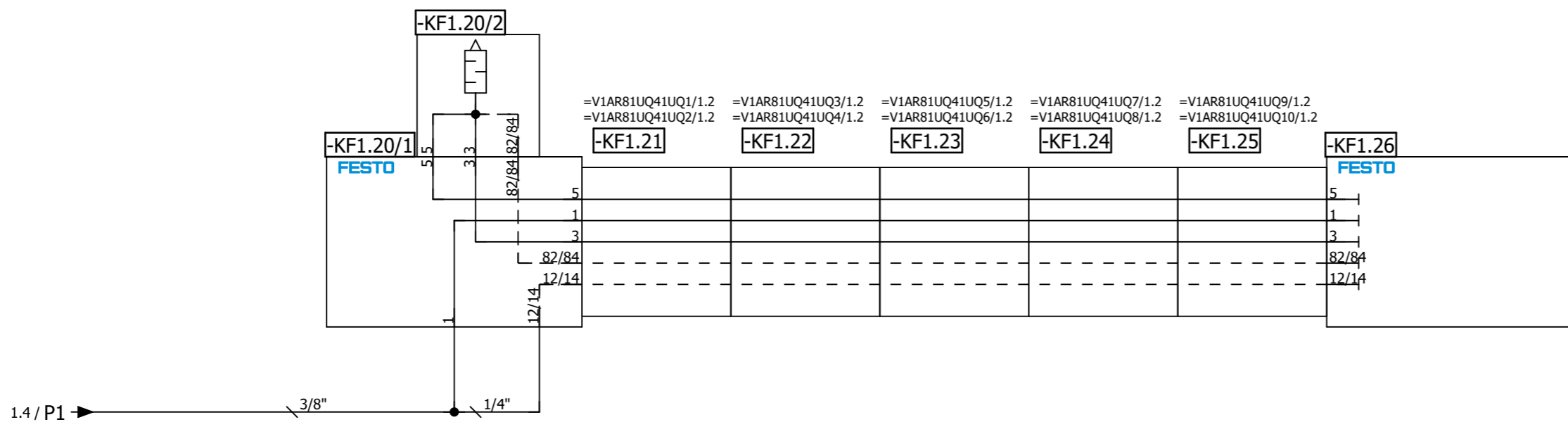
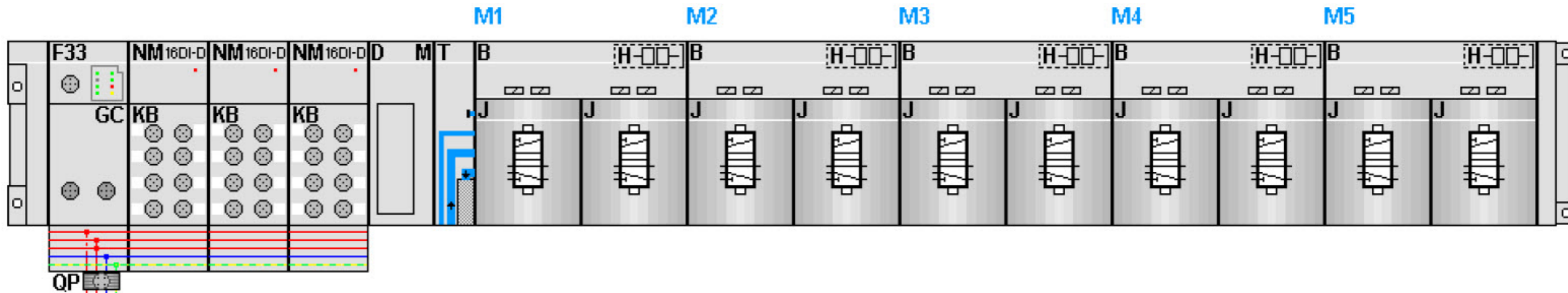
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		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original	Replacement of	Replaced by	Scale 1:1						420

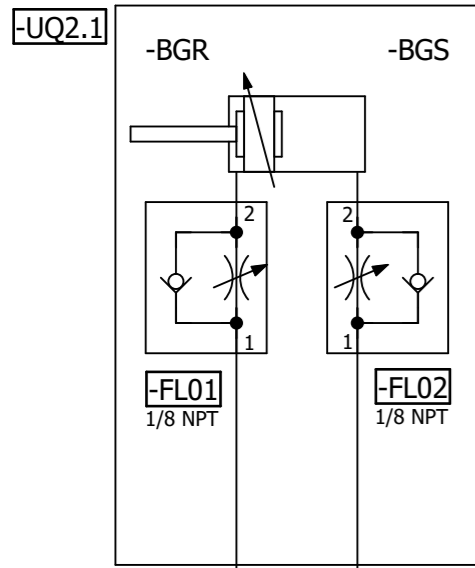


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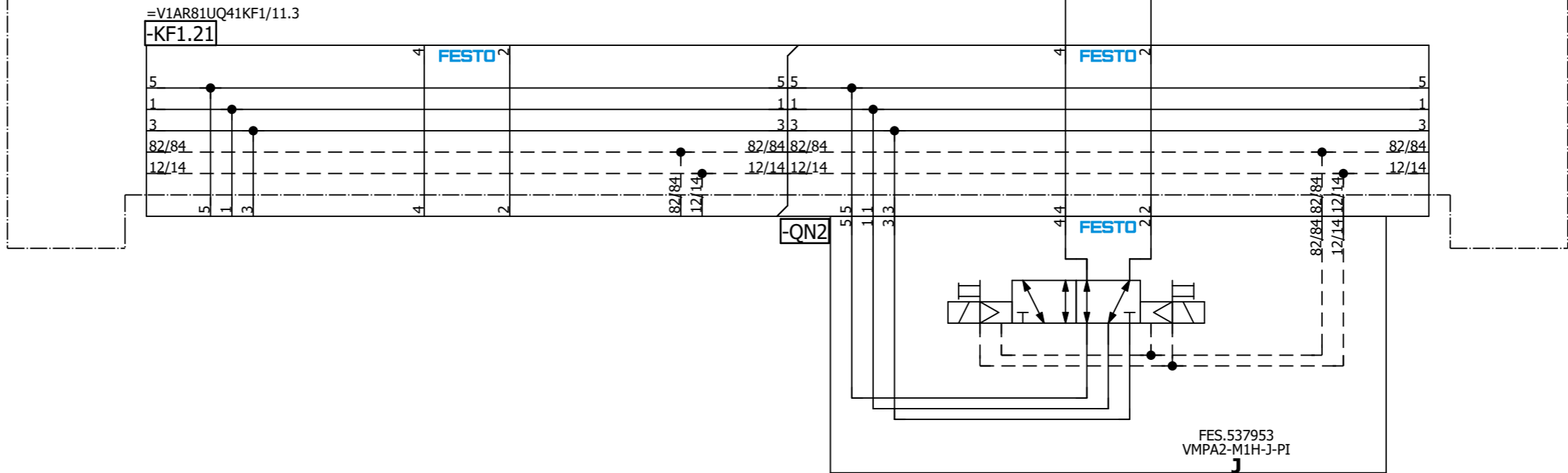


Date		1/10/2023		Volvo Trucks North America		Valiant TMS		AIR SUPPLY CONFIGURATION		Drawing name:		= V1AR81UQ41KF1	
Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		+ V1AR81UQ41	
Appr				Replacement of		Replaced by				Project nr:		Page	
Original										MFS		5	
Modification		Date		Name						22-16150		420	





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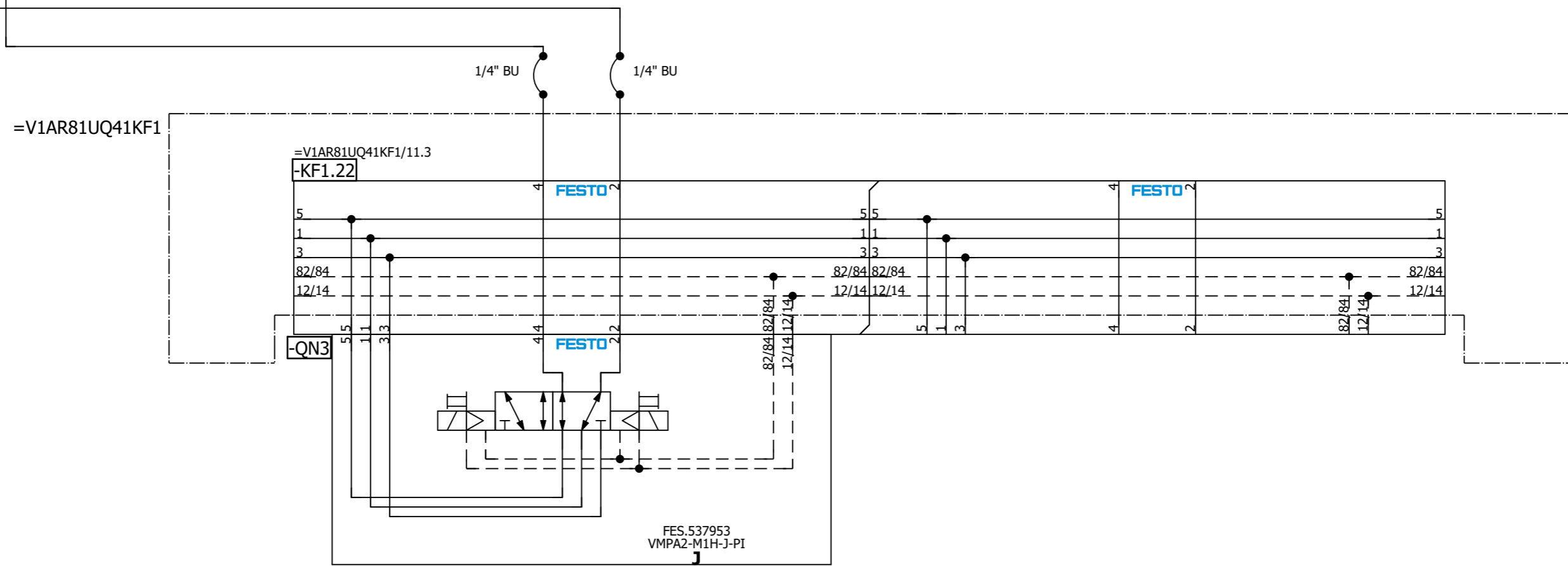
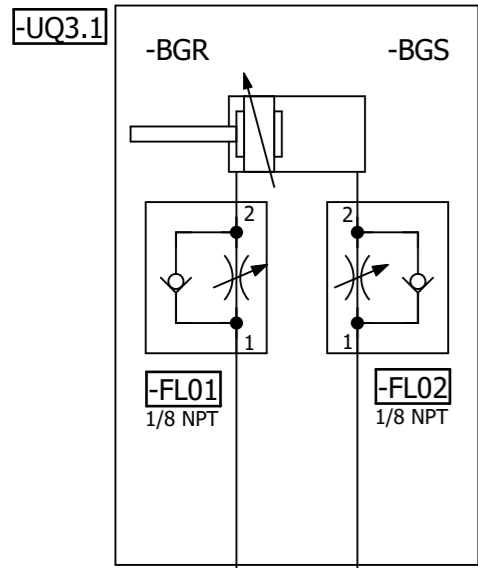
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Shot Pin 2
(RST)

=V1AR81UQ41
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Shot Pin 2
(SET)

=V1AR81UQ41UQ1/1

=V1AR81UQ41UQ3/1

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	Shot Pin 2	Drawing name: =2V10&MFS-PNEU		= V1AR81UQ41UQ2	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1					420



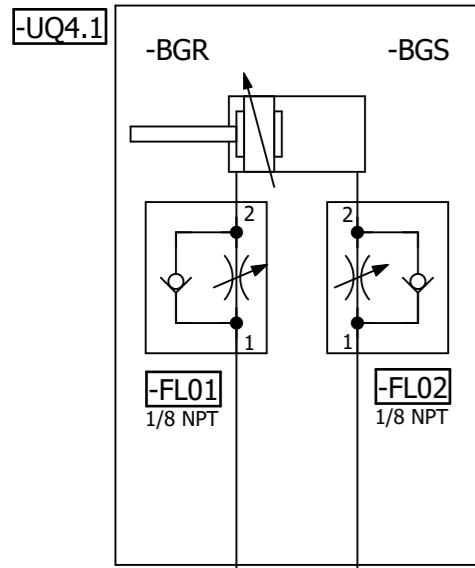
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(RST)

=V1AR81UQ41
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Shot Pin 3
(SET)

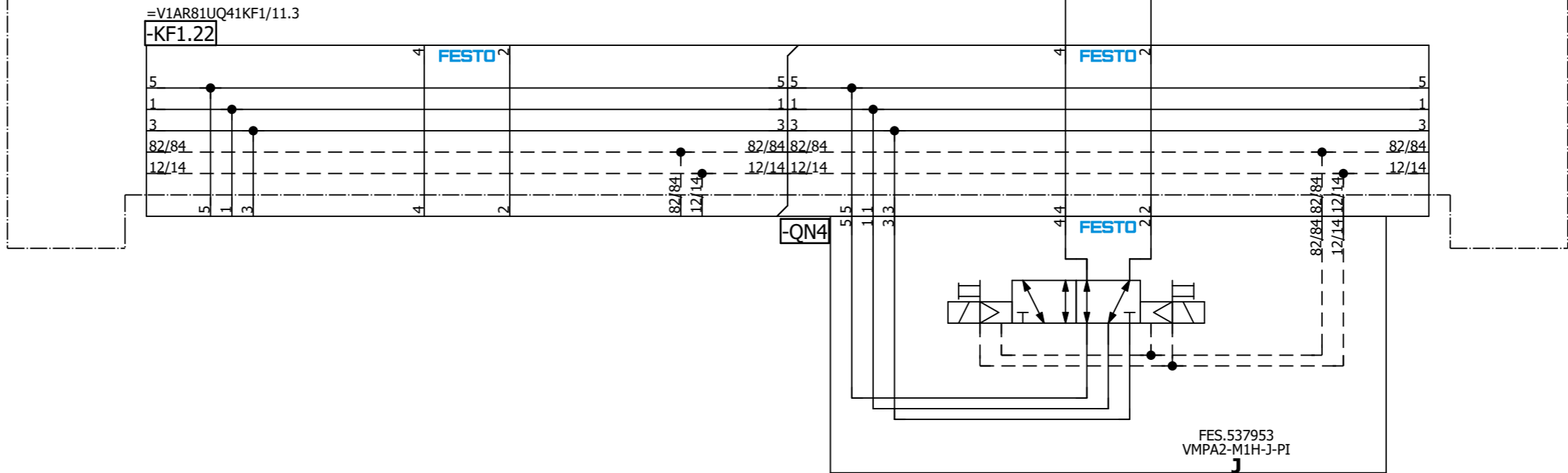
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		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		Project nr:	
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Modification	Date	Name	Original									420	



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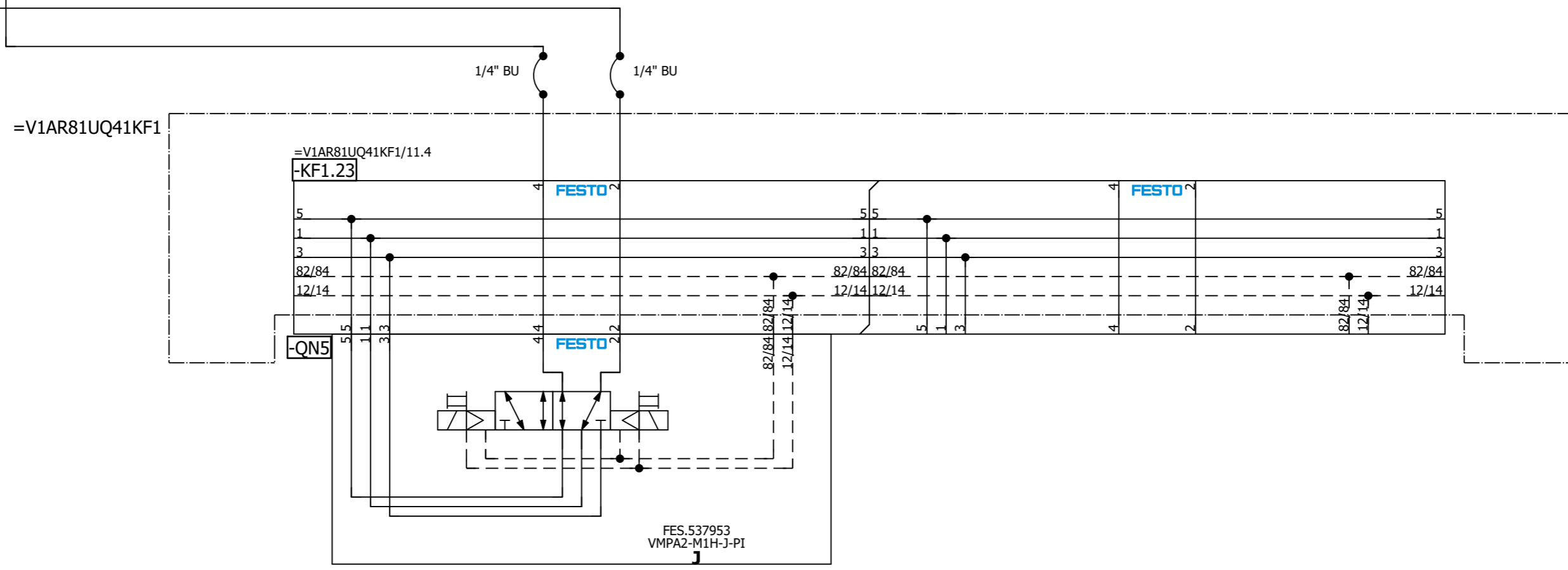
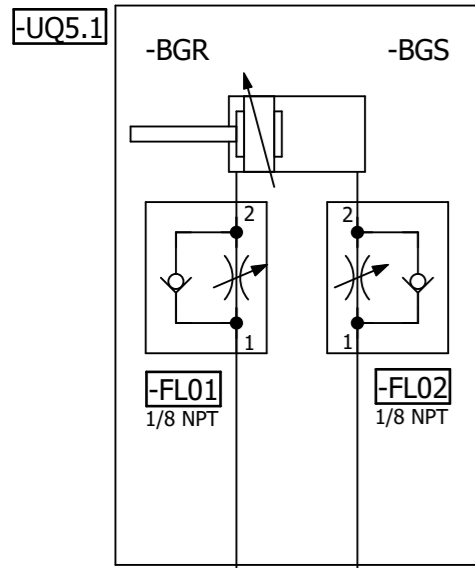


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Shot Pin 4
(RST)

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Shot Pin 4
(SET)

=V1AR81UQ41UQ3/1

=V1AR81UQ41UQ5/1



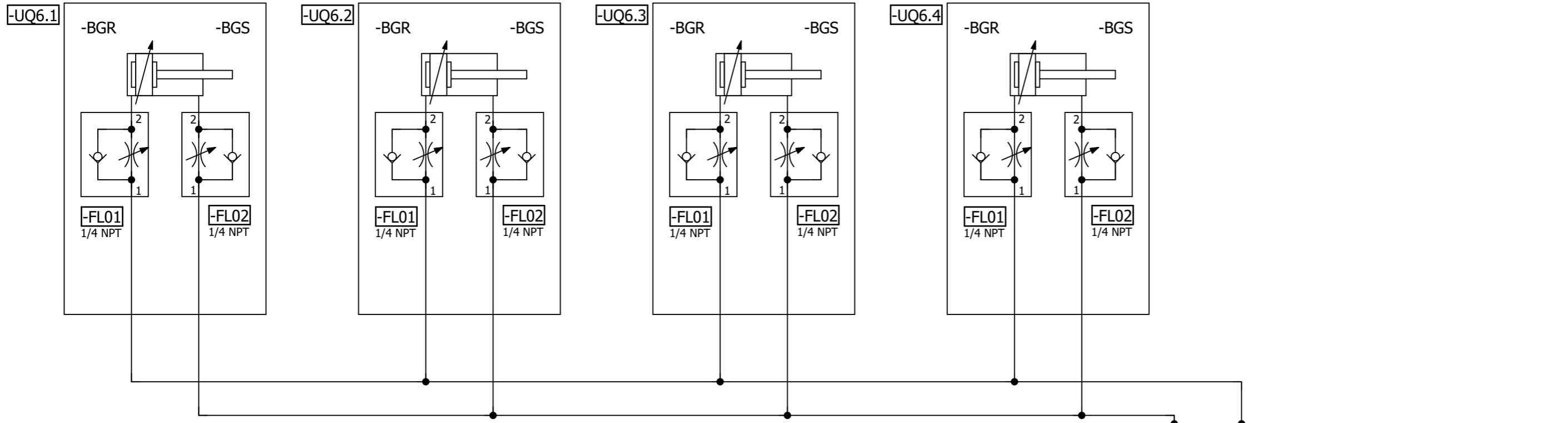
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(SET)

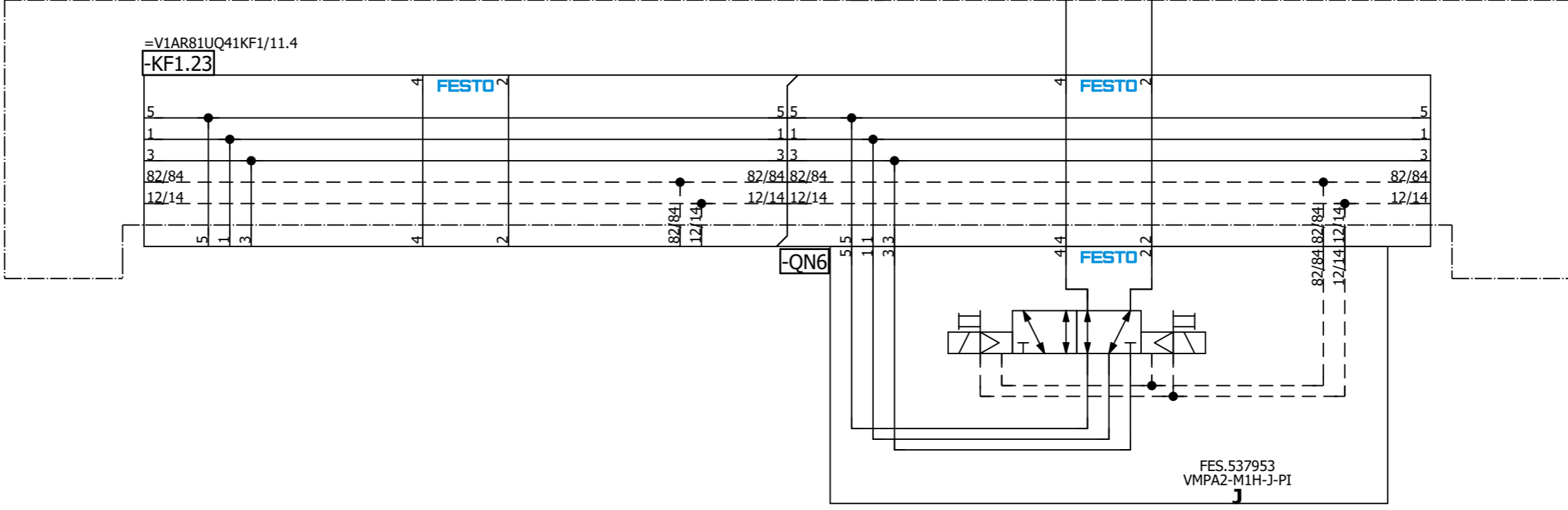
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Date: 1/10/2023		Volvo Trucks North America		Valiant TMS		Drawing name: =2V10&MFS-PNEU		= V1AR81UQ41UQ5	
Ed.: MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1		Document type: MFS		+ V1AR81UQ41	
Appr:		Replacement of		Replaced by		Project nr: 22-16150		Page 1	
Original								420	



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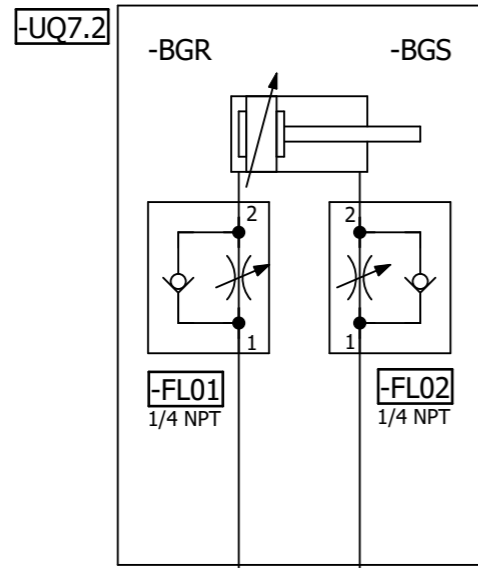
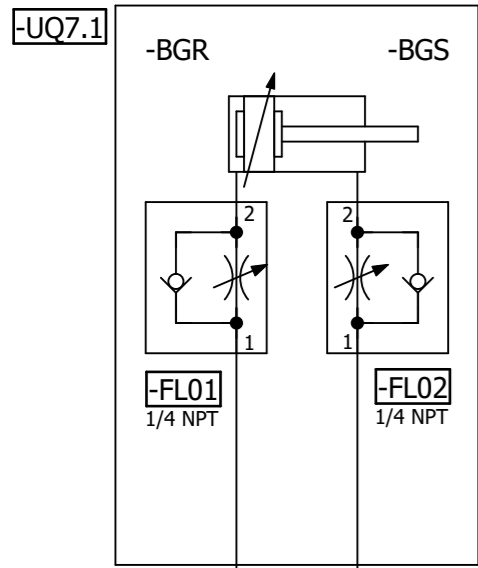
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Clamps 6
(RST)

=V1AR81UQ41
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Clamps 6
(SET)

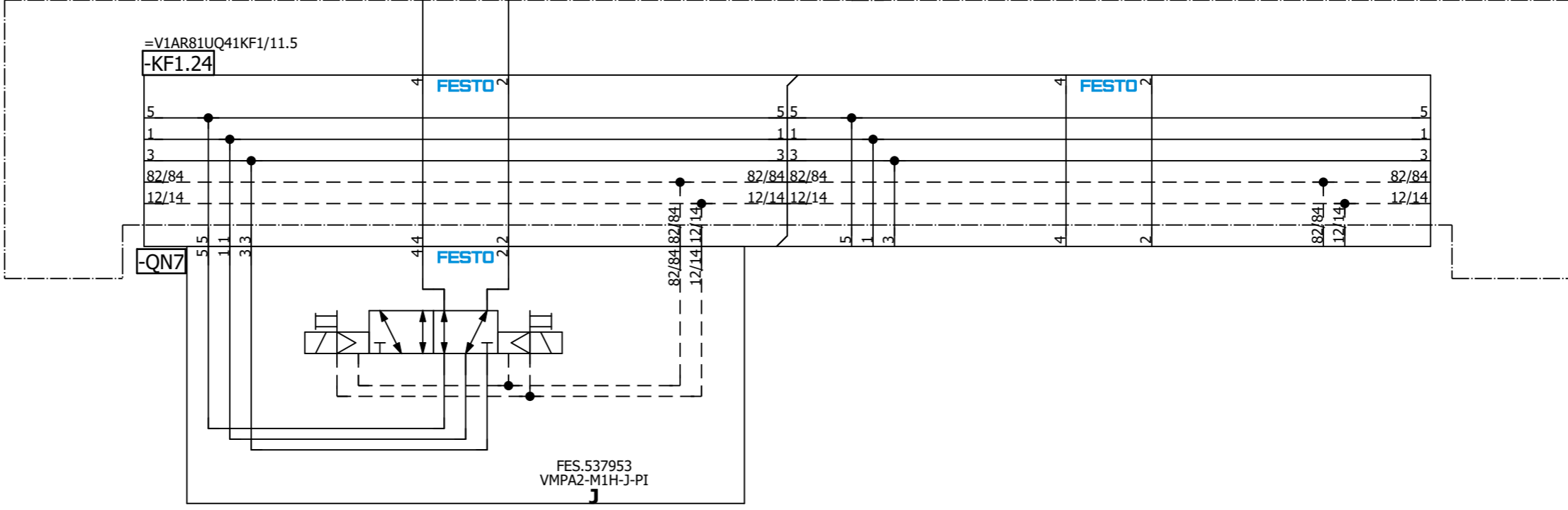
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1AR81UQ41
Appr.			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS	22-16150	
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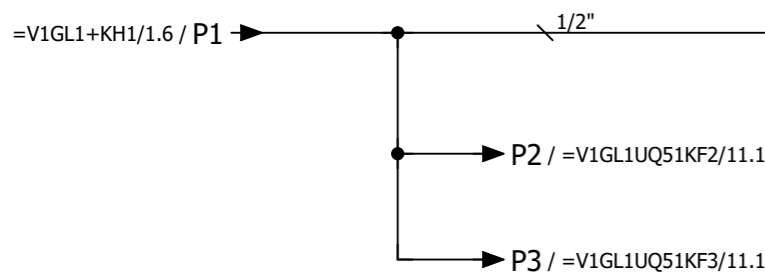
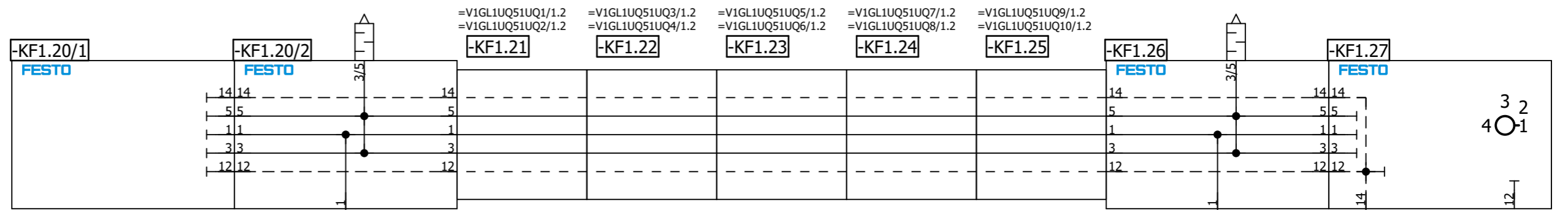
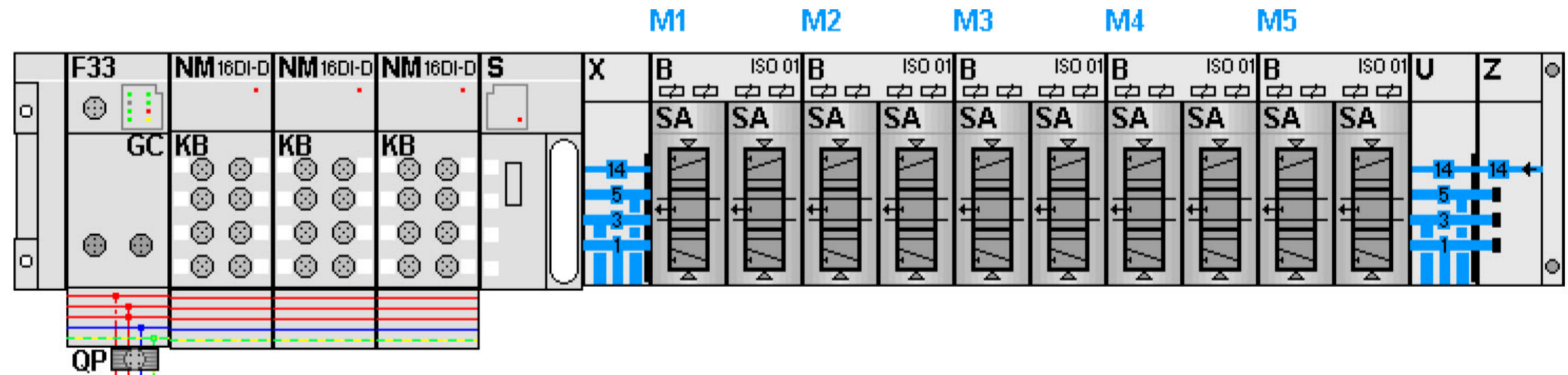
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 Clamps 7
 (RST)

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 Clamps 7
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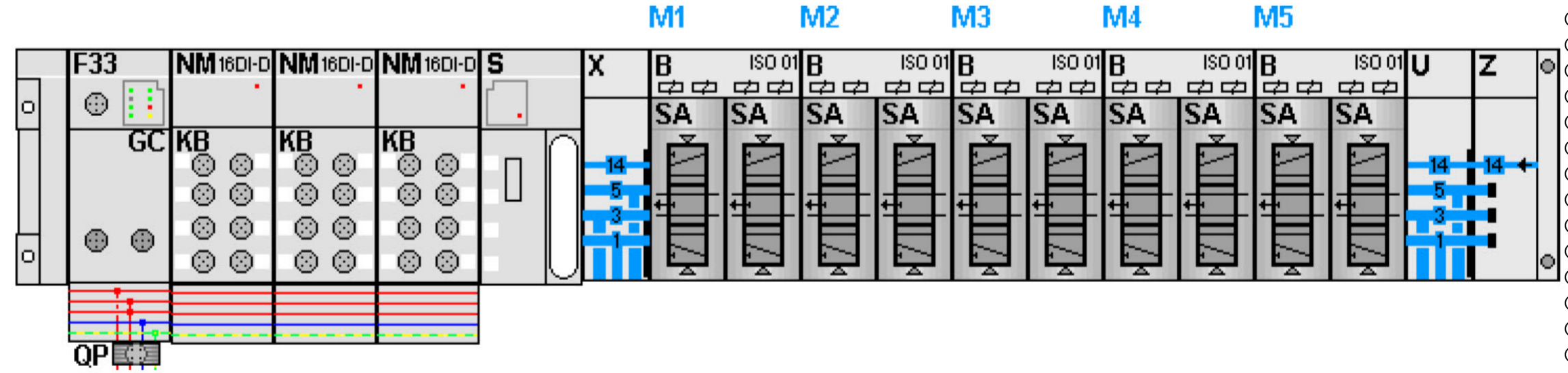
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Original									MFS		Page 1	
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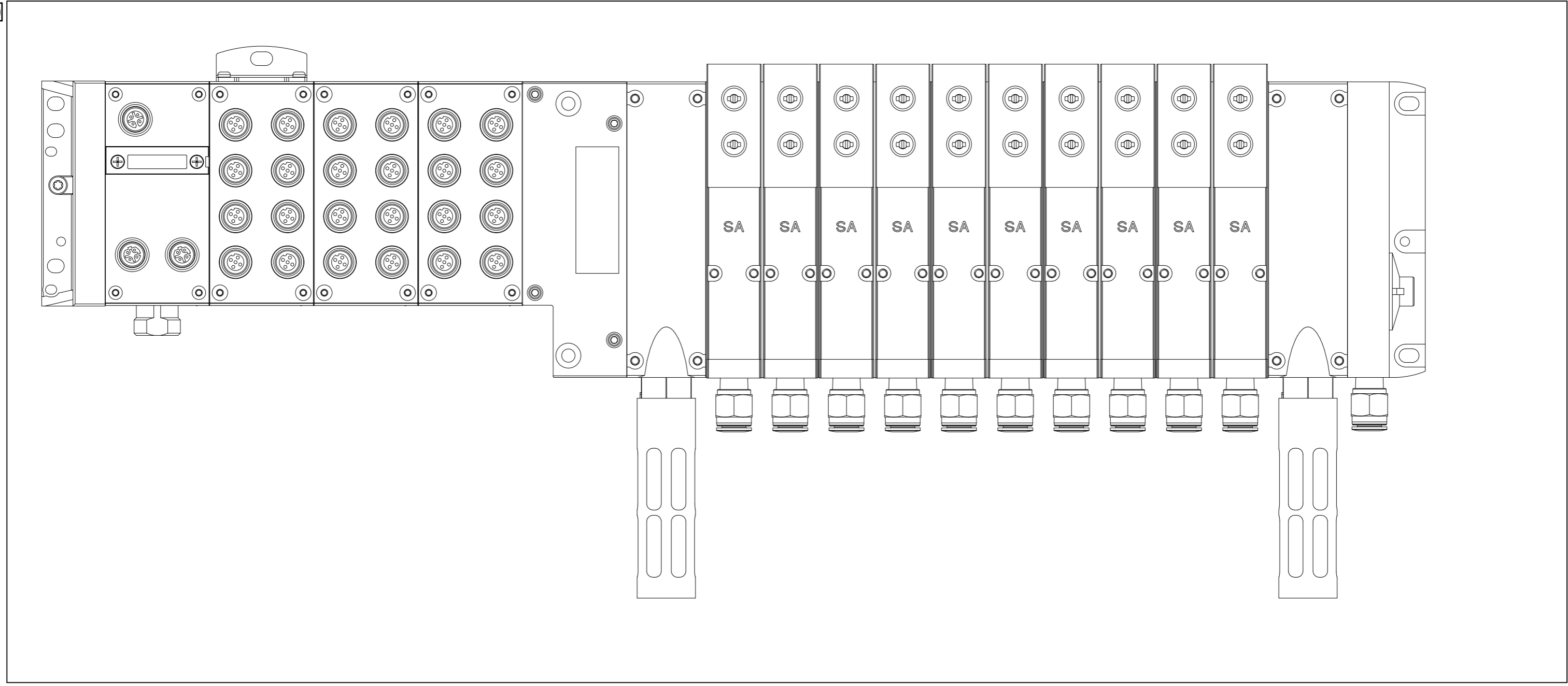
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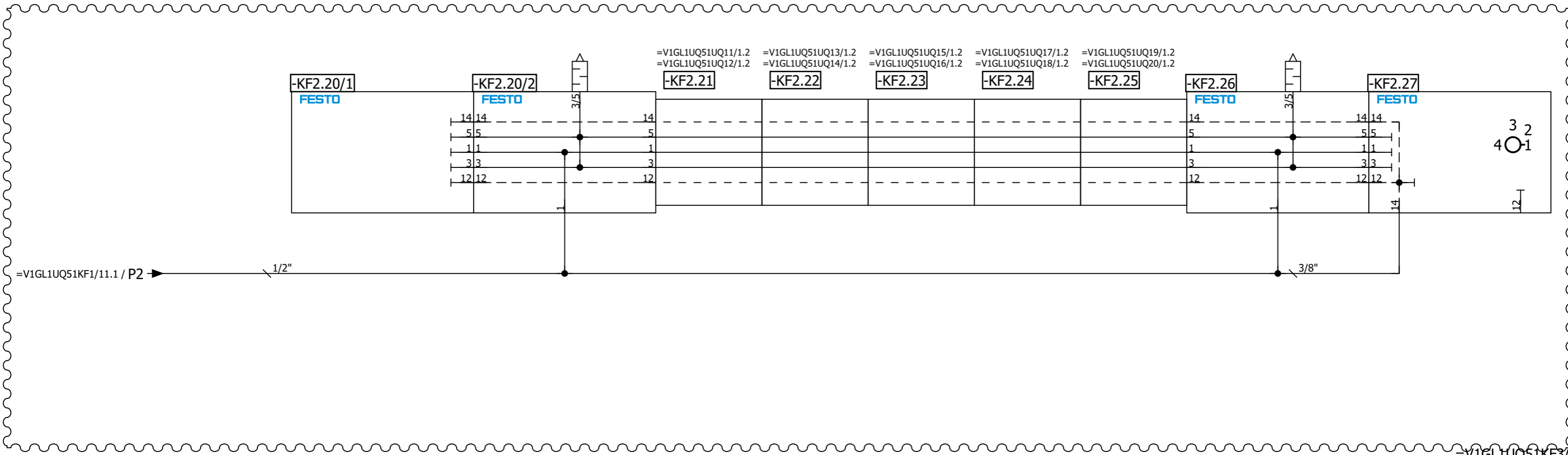
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Appr.			Replacement of		Scale 1:1	Document type:		MFS	Project nr:	22-16150	Page	11
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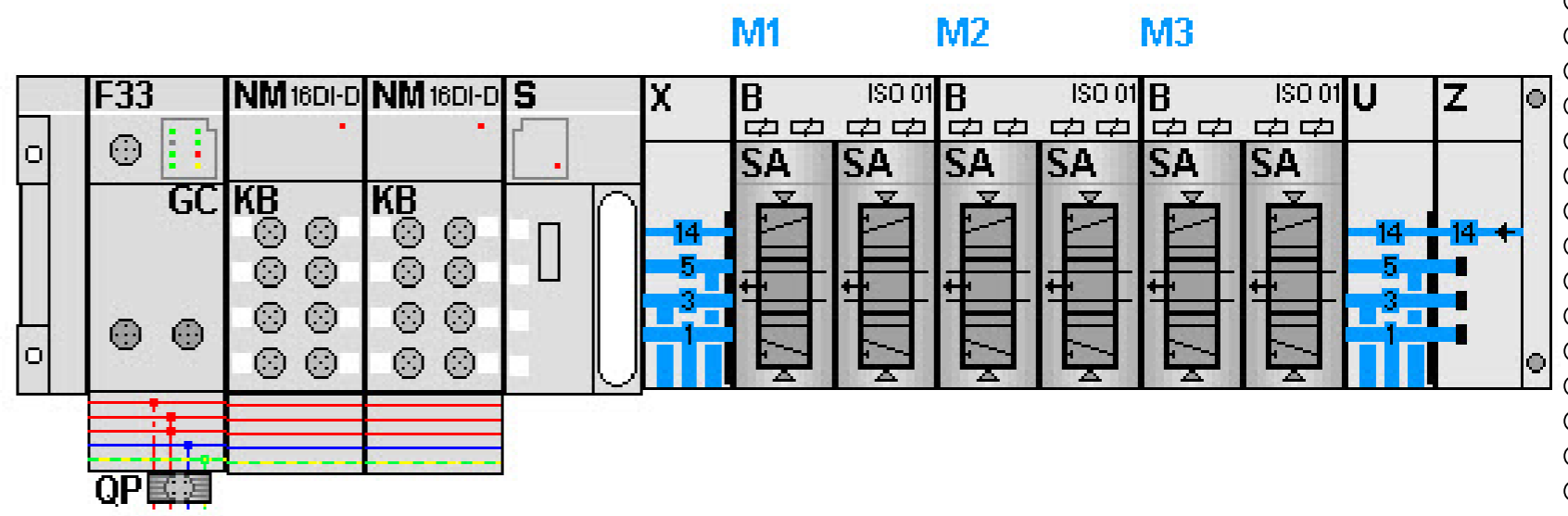


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 =V1GL1UQ51UQ12/1.2 =V1GL1UQ51UQ14/1.2 =V1GL1UQ51UQ16/1.2 =V1GL1UQ51UQ18/1.2 =V1GL1UQ51UQ20/1.2

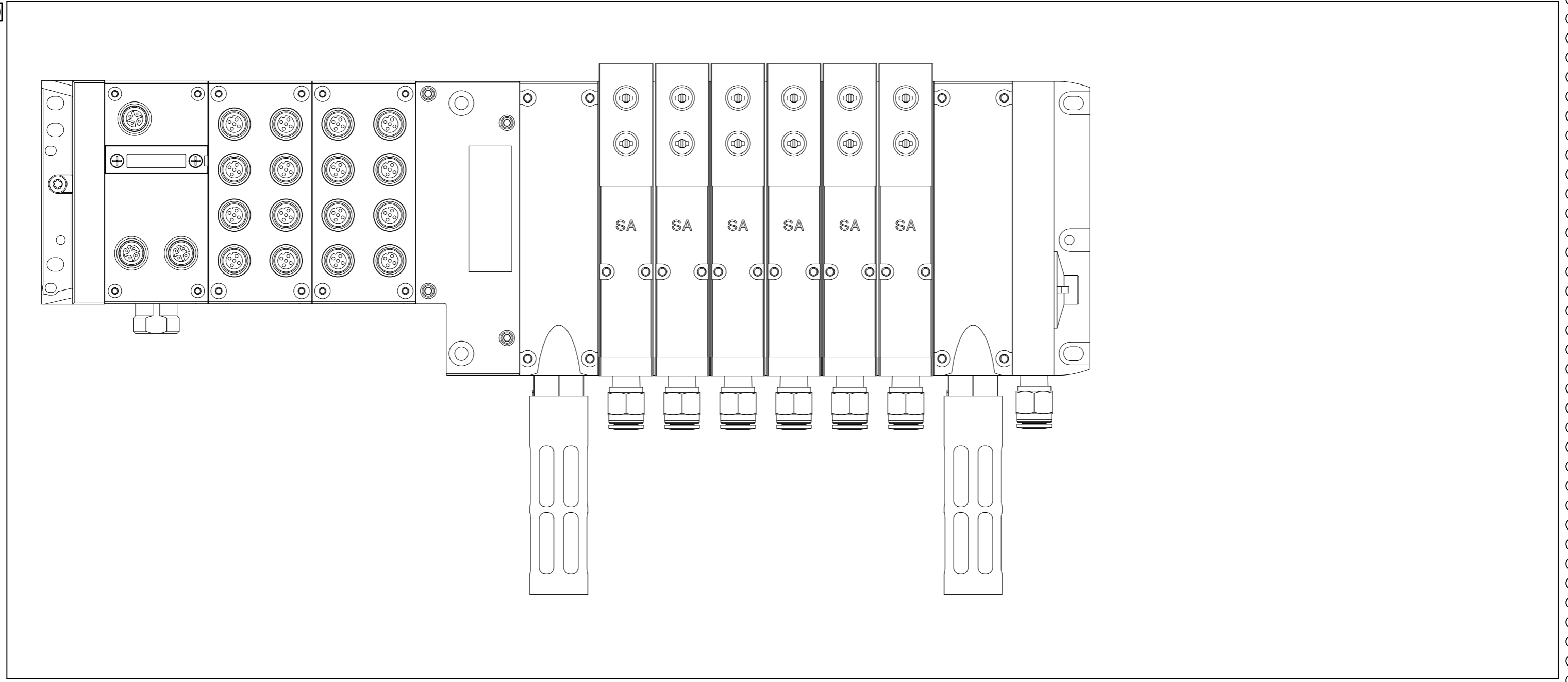
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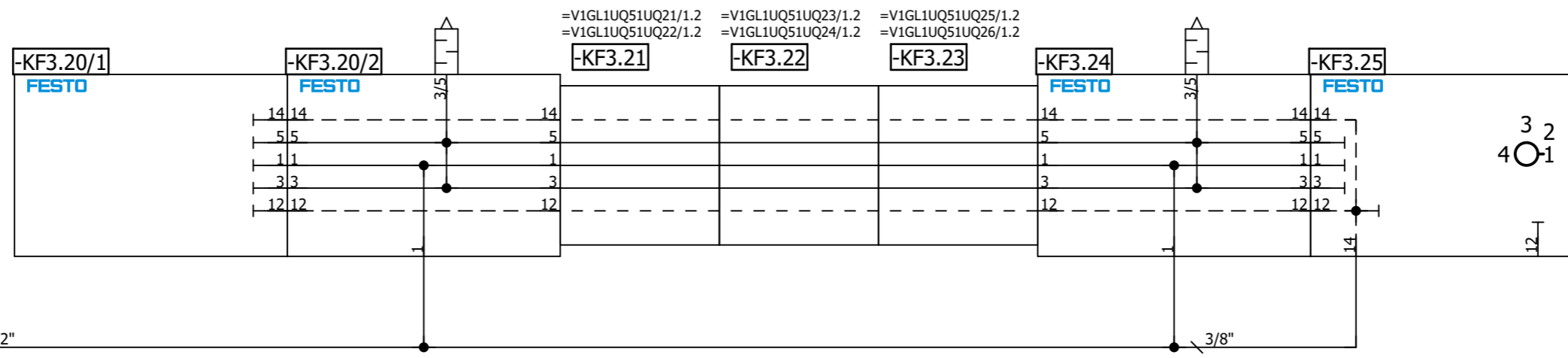
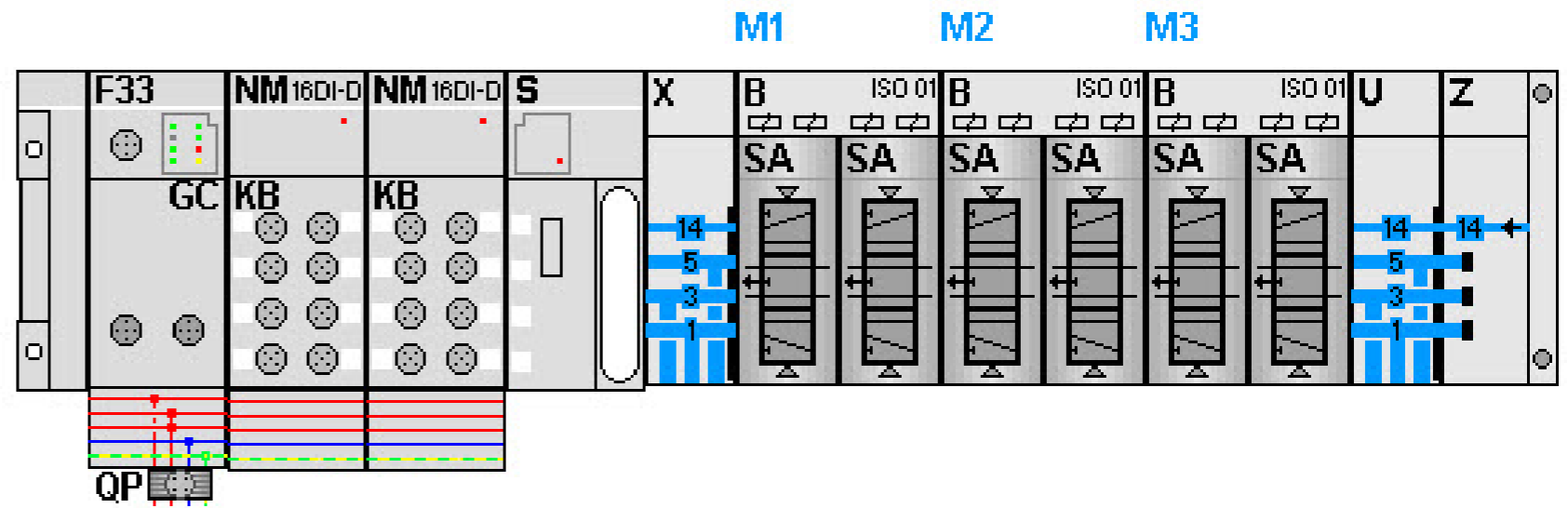
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Modification	Date	Name	Original	Replaced by					Document type:		Page	11
									MFS			420



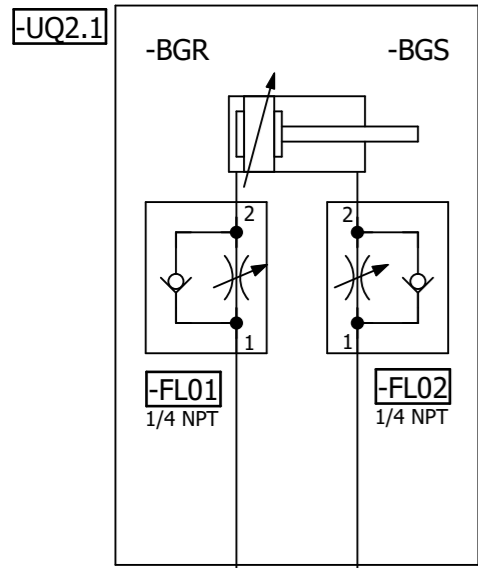
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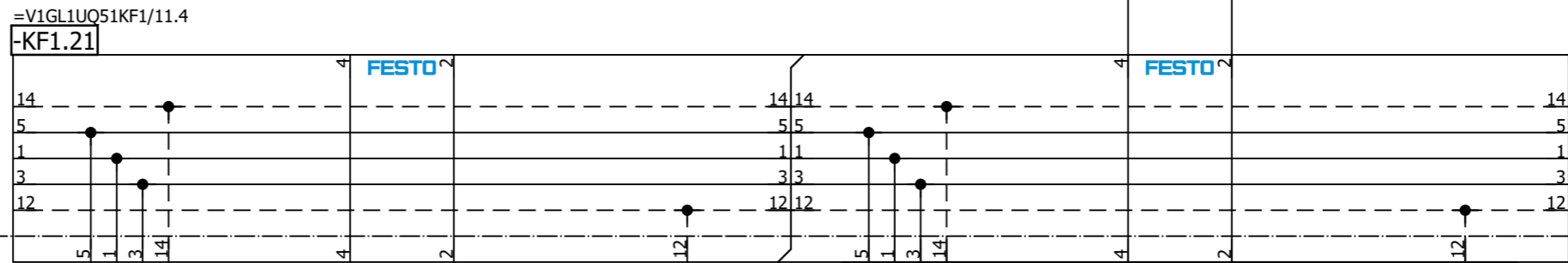
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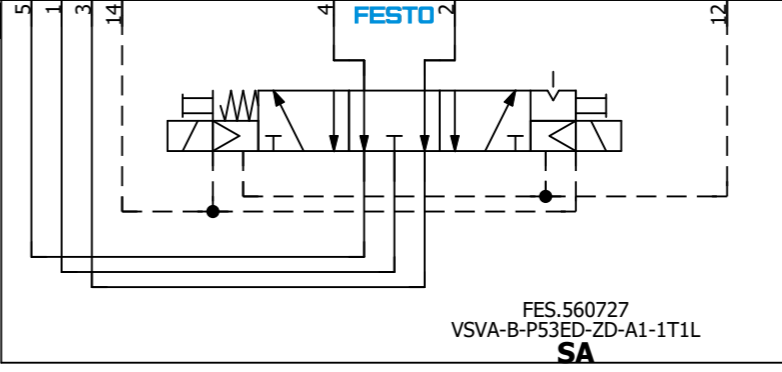
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Appr.			Replacement of		Scale 1:1	Document type:		Project nr:		Page 11
Modification	Date	Name	Original	Replaced by		MFS		22-16150		420



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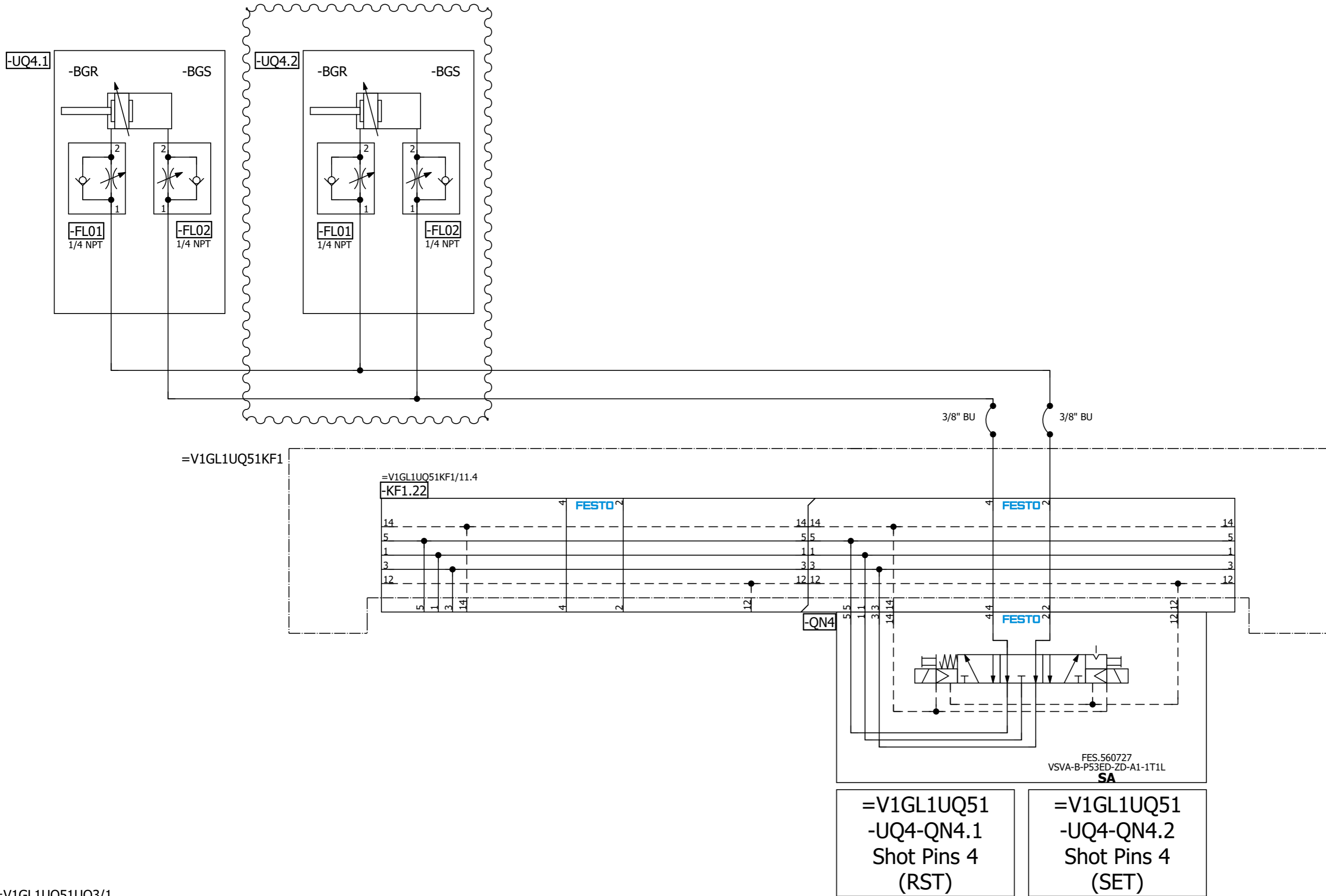
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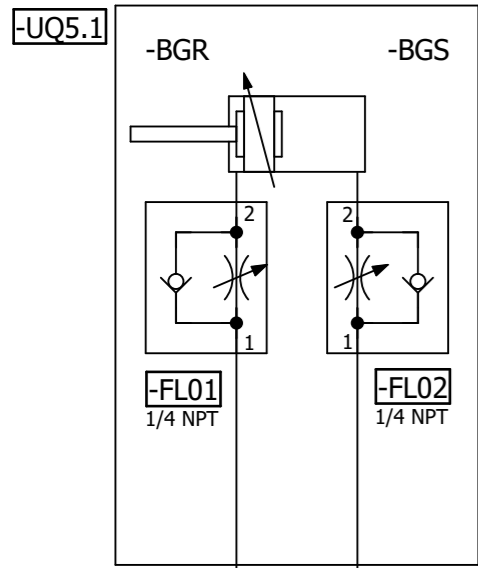
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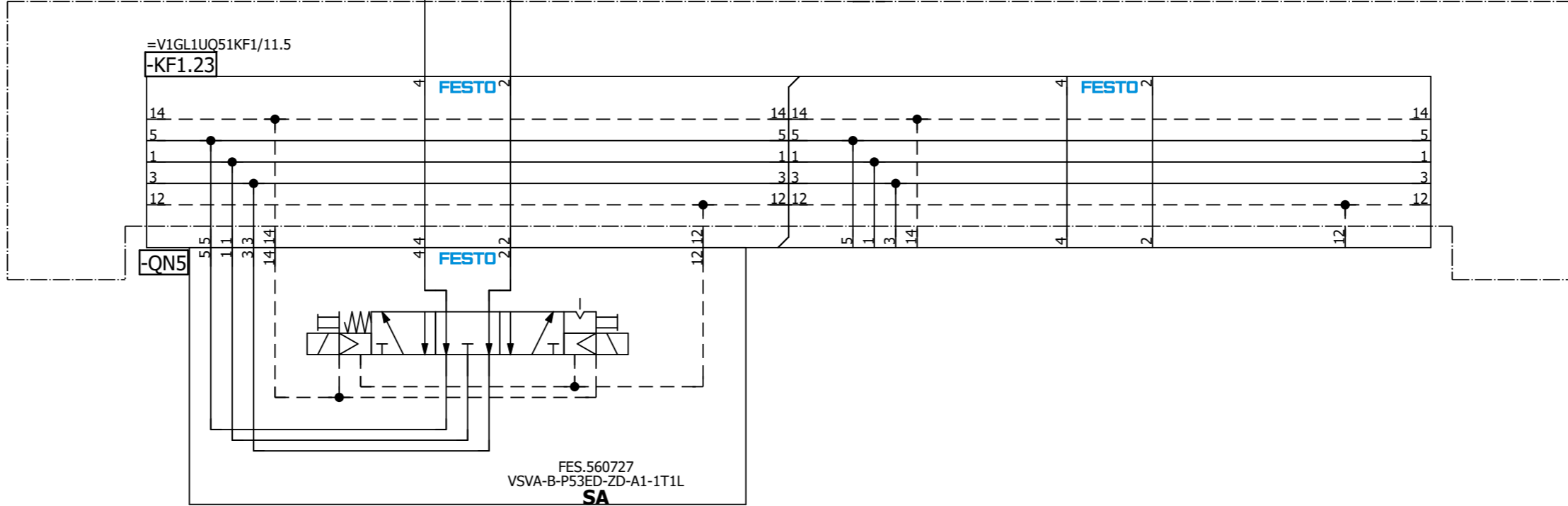
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Original			Replaced by				MFS	22-16150	
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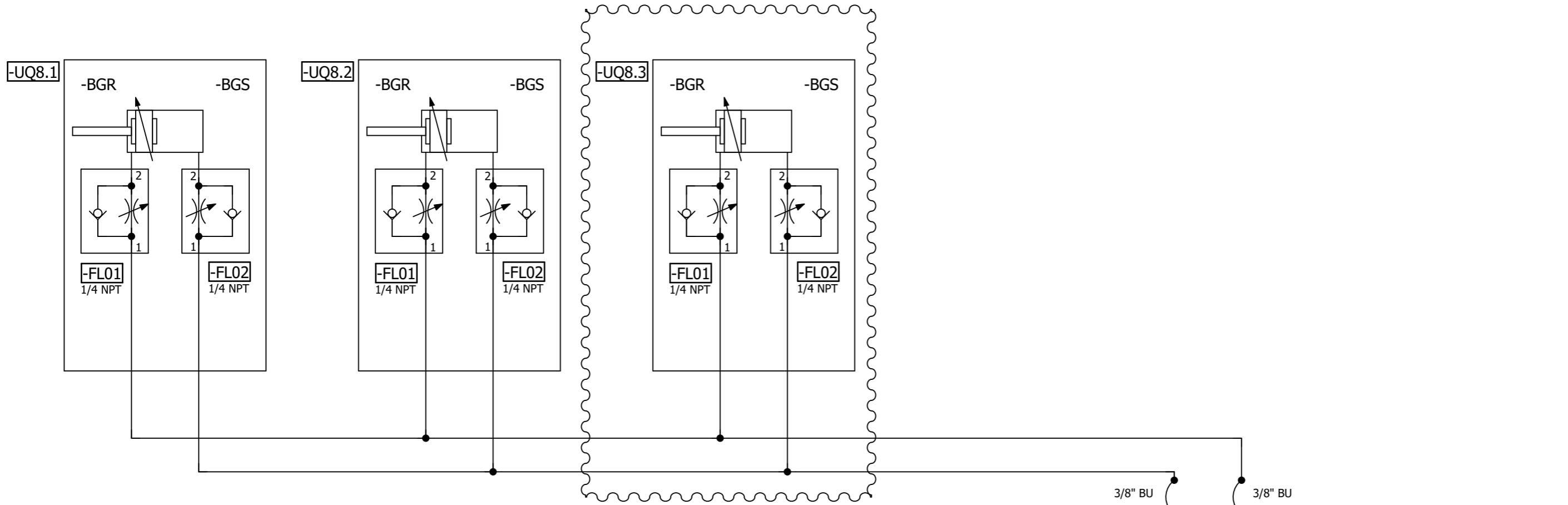
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(SET)

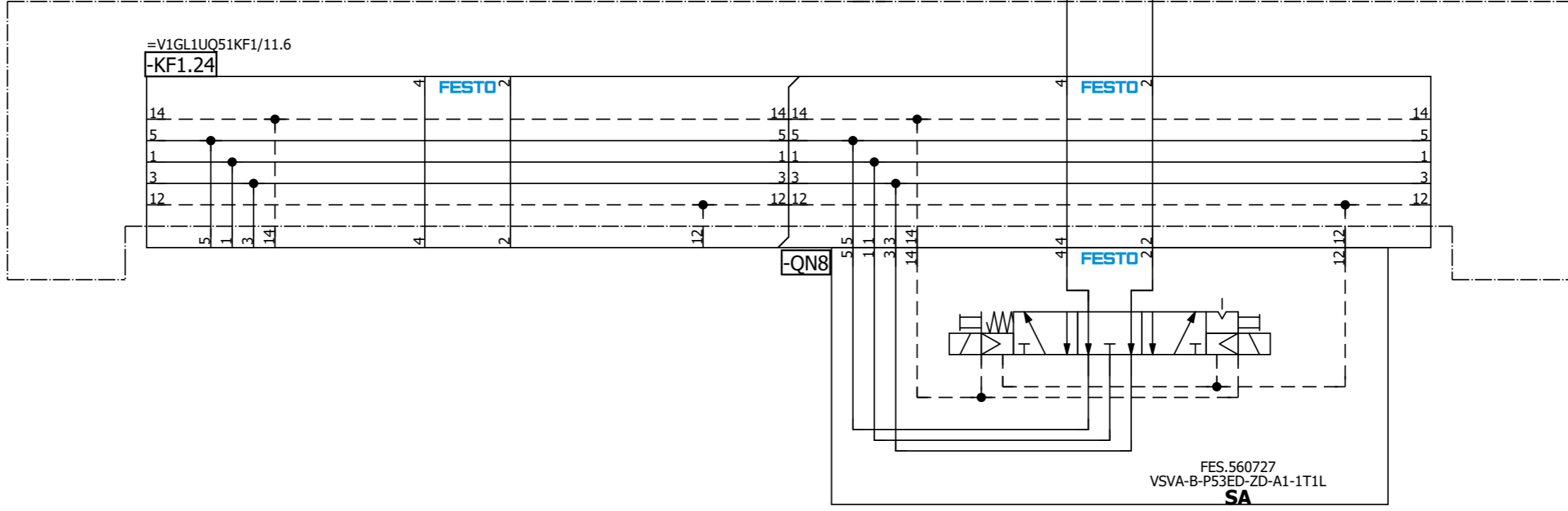
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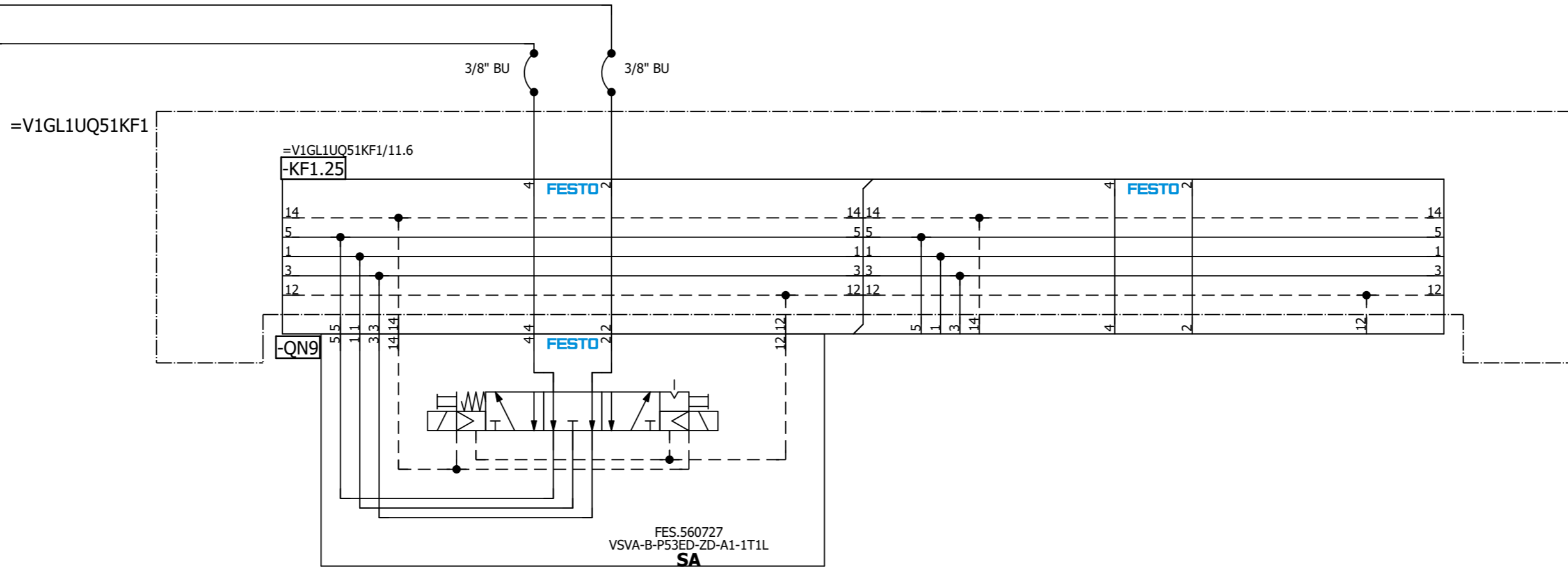
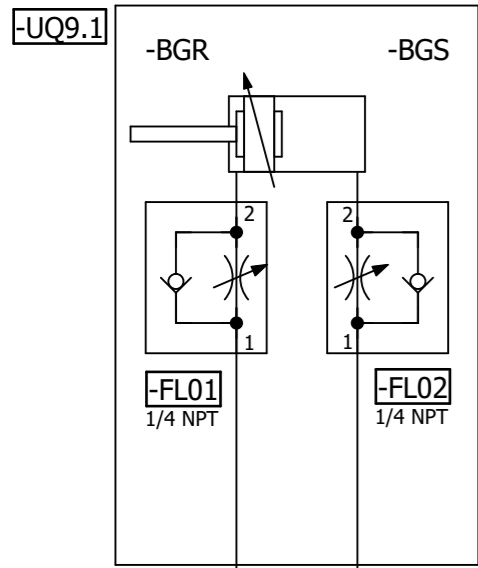
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Shot Pins 8
(RST)

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Shot Pins 8
(SET)

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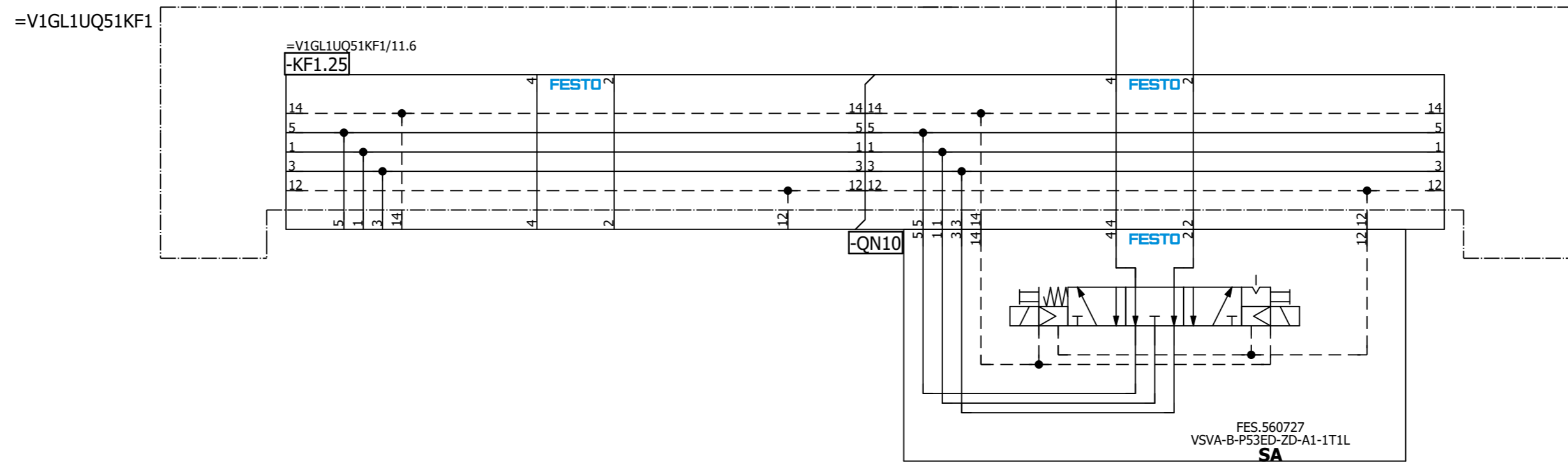
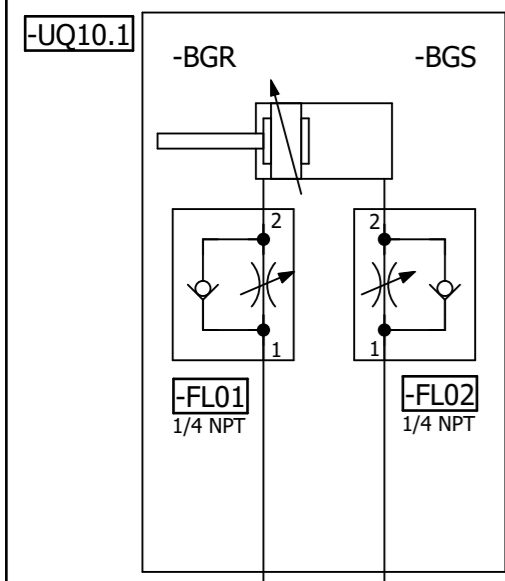
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Shot Pin 9
(RST)

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Shot Pin 9
(SET)

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Original			Replaced by				MFS	22-16150	1



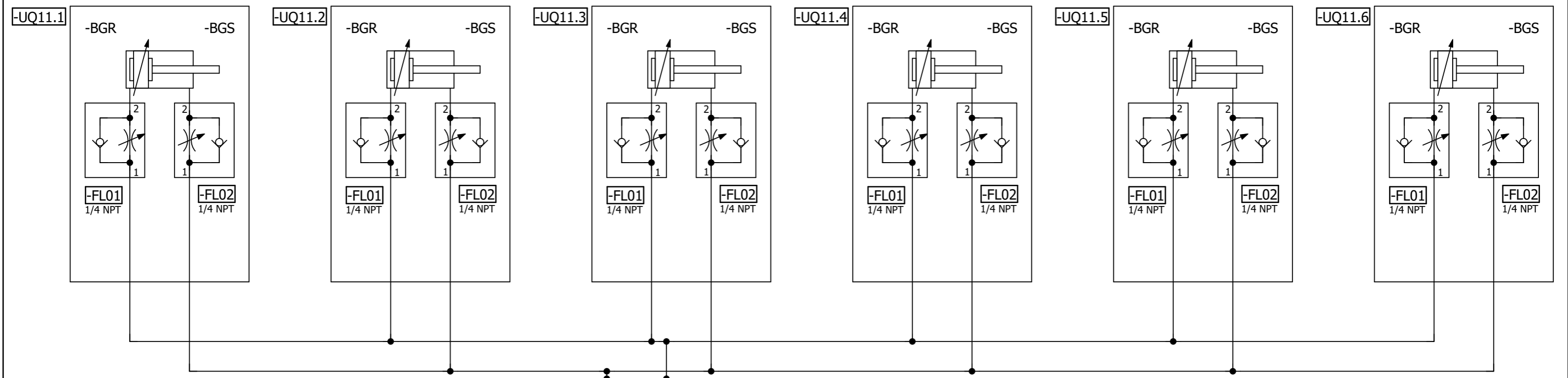
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(SET)

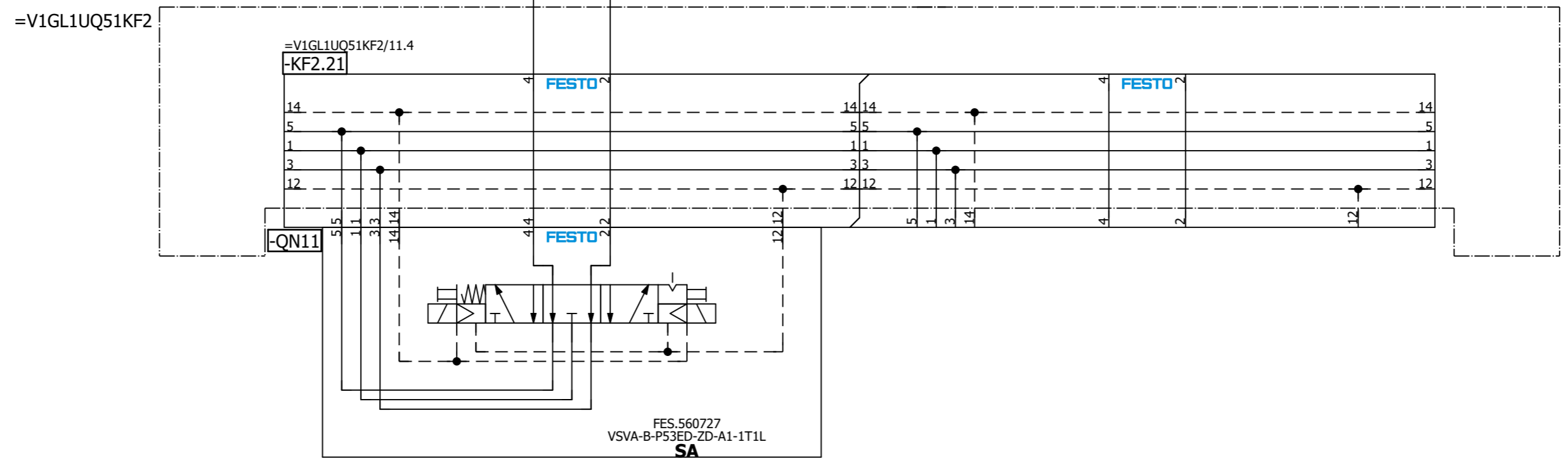
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Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 420



3/8" BU 3/8" BU

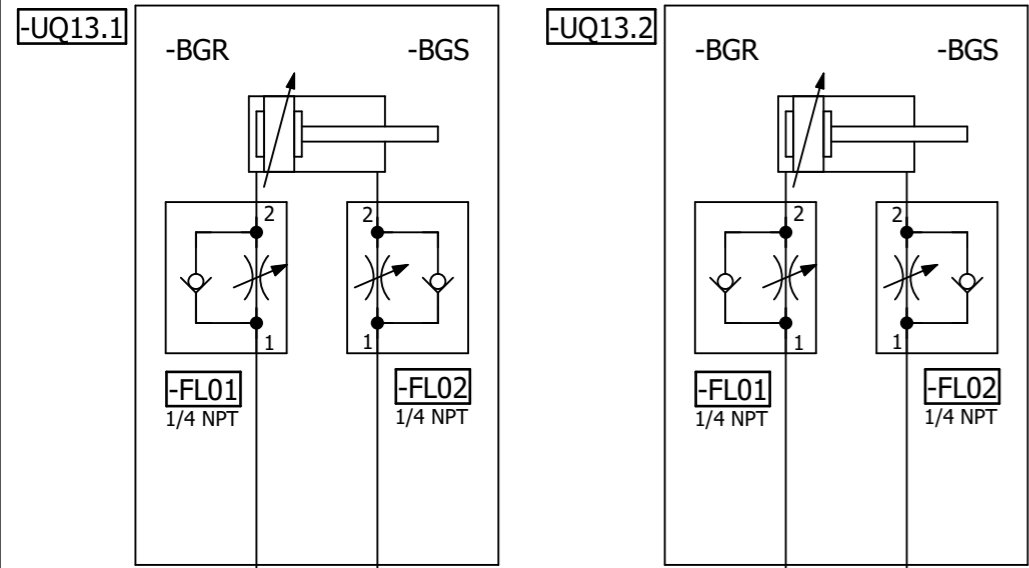


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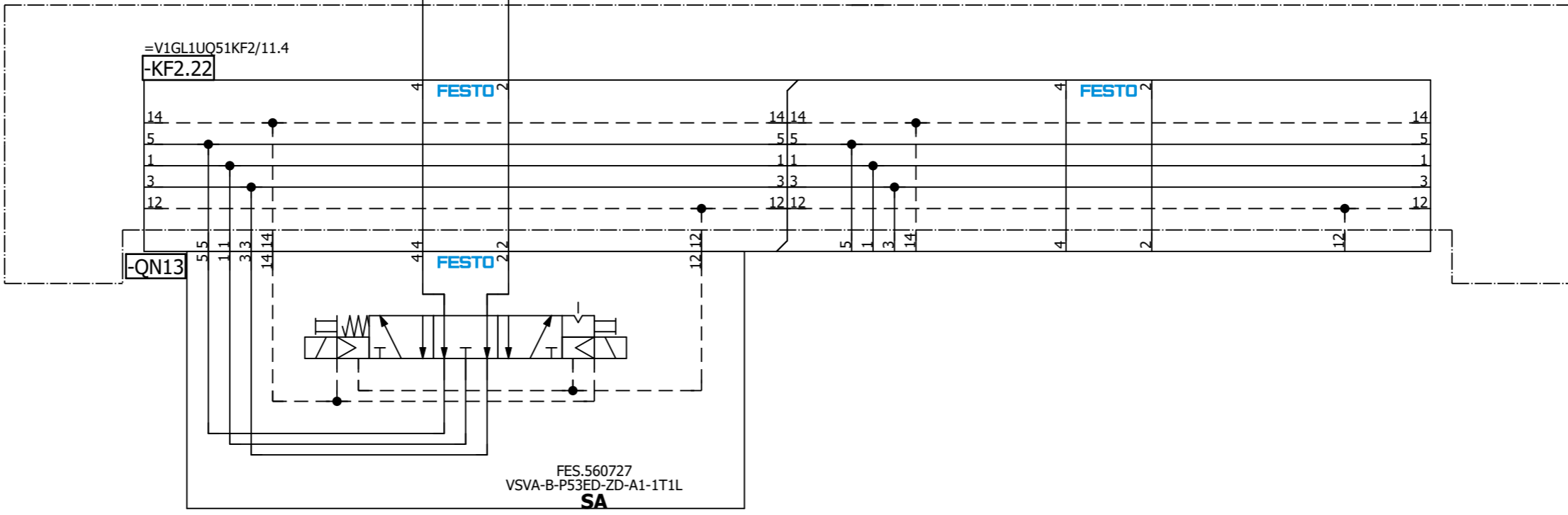
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=V1GL1UQ51KF2



=V1GL1UQ51
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Clamps 13
(RST)

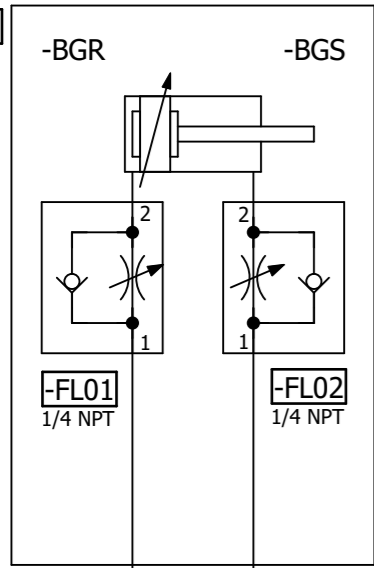
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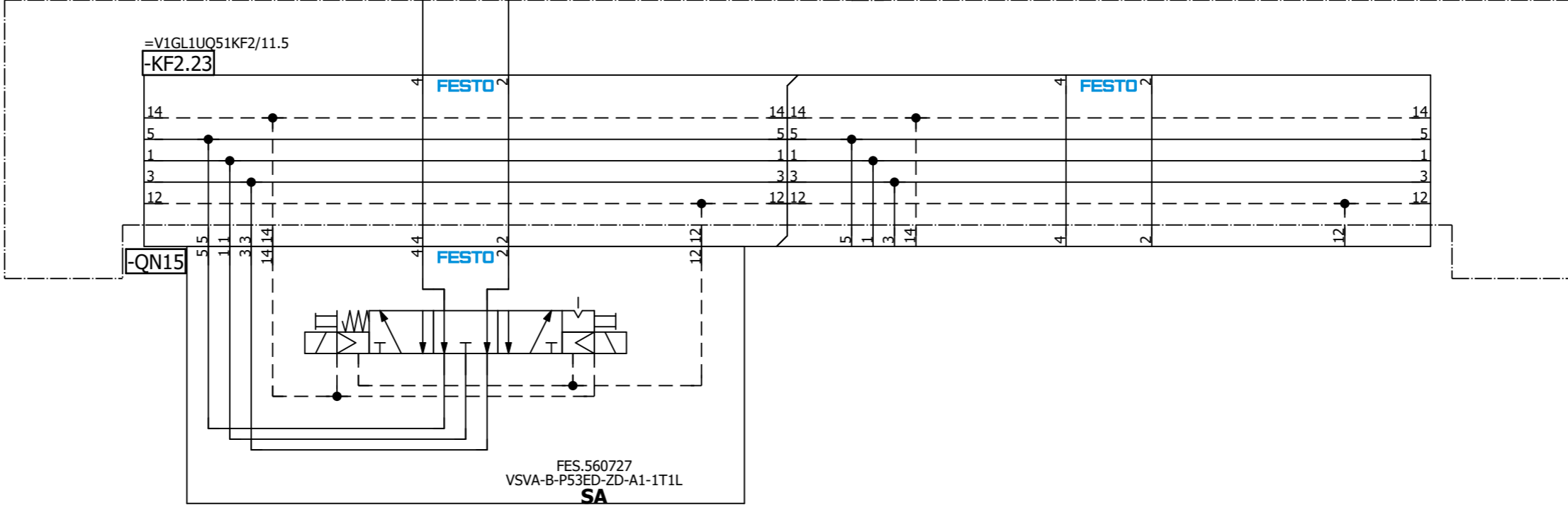
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Appr.			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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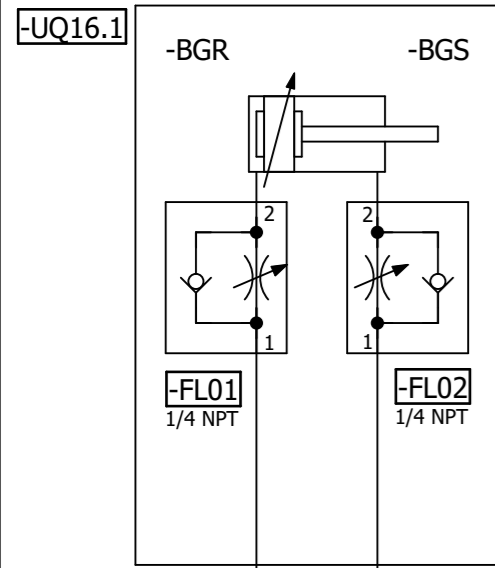
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Clamp 15
(SET)

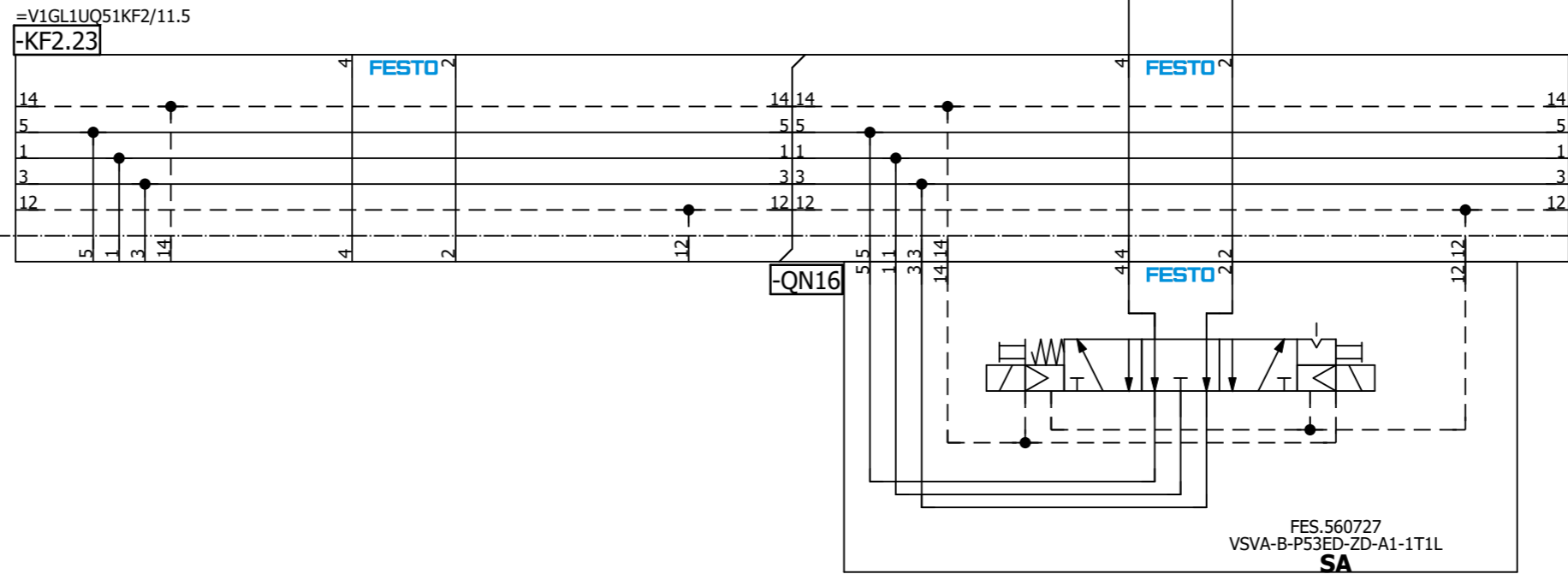
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Original			Replaced by				Project nr:		22-16150
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									420



=V1GL1UQ51KF2



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Clamp 16
(RST)

=V1GL1UQ51
-UQ16-QN16.2
Clamp 16
(SET)

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Modification	Date	Name	Original	

Volvo Trucks North America
P6700 Bodyside RH - Robot Cell 2V10
Replacement of

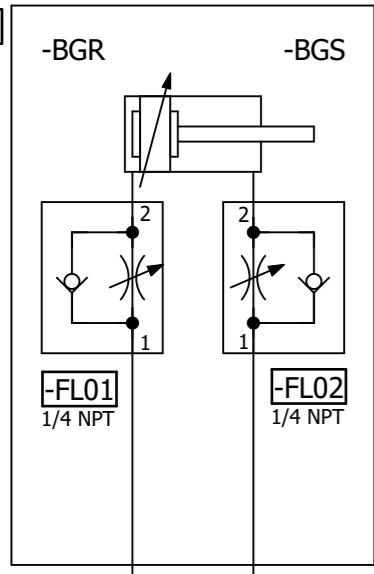
Valiant TMS
Scale 1:1

Clamp 16

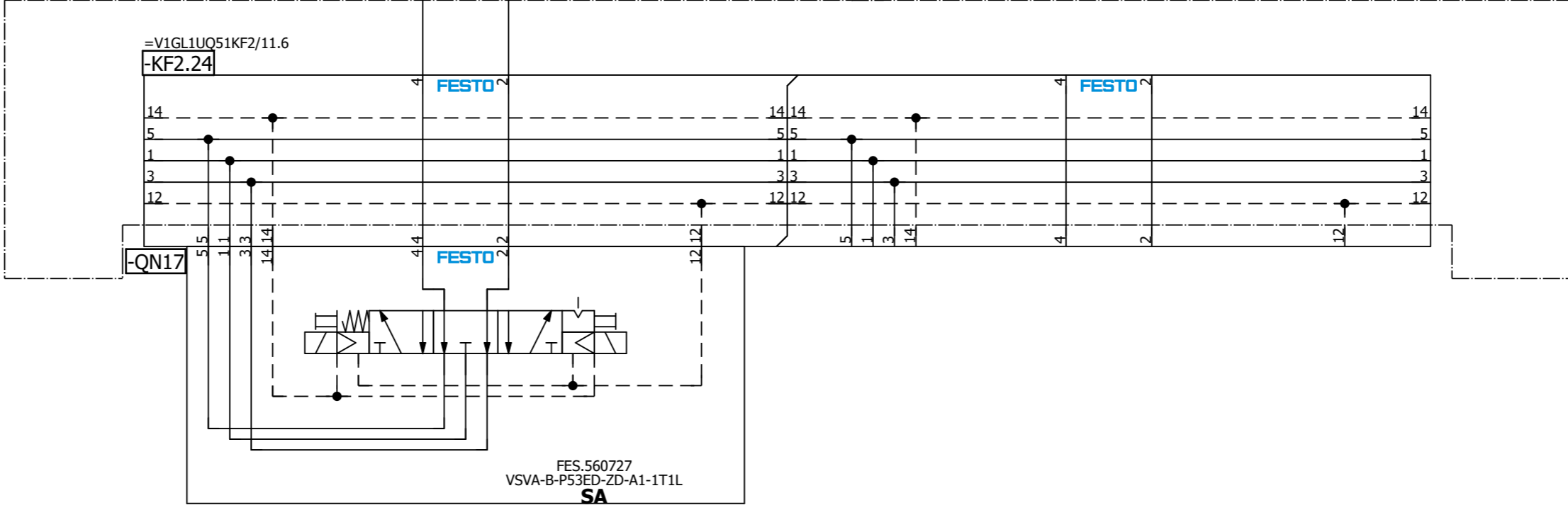
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=V1GL1UQ51KF2



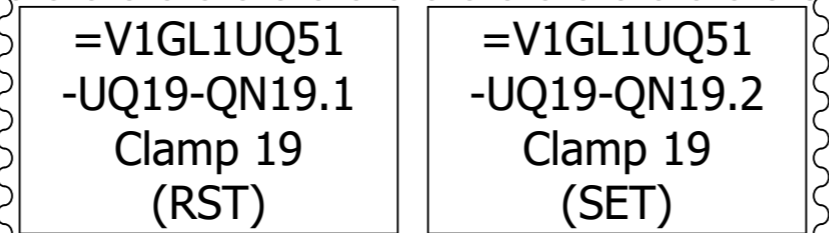
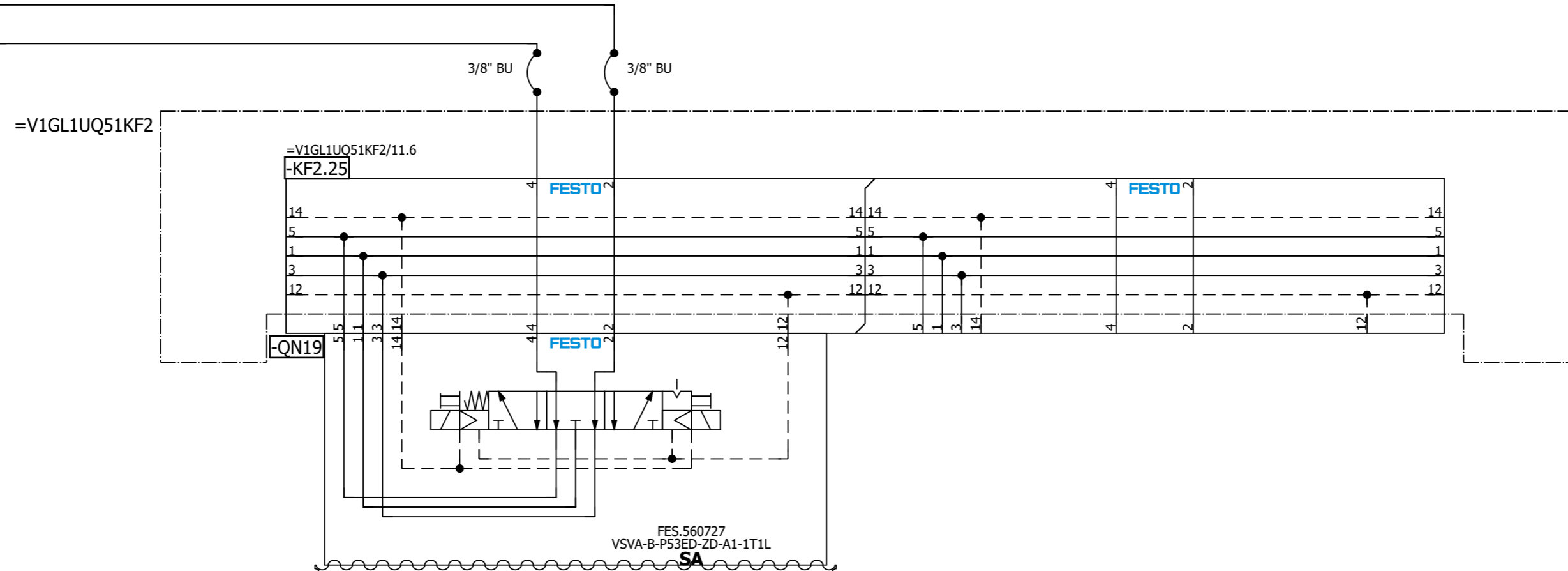
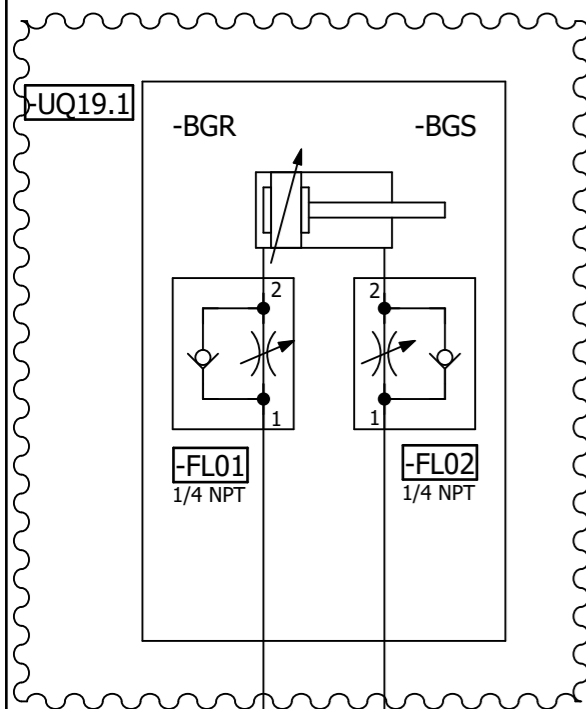
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Clamp 17
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Clamp 17
(SET)

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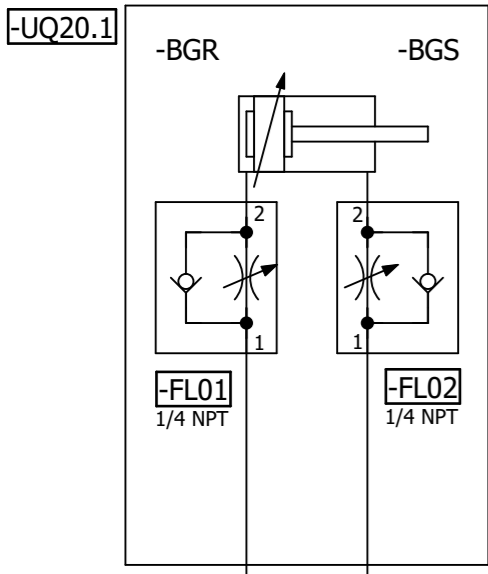
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Original			Replaced by				Project nr:		22-16150
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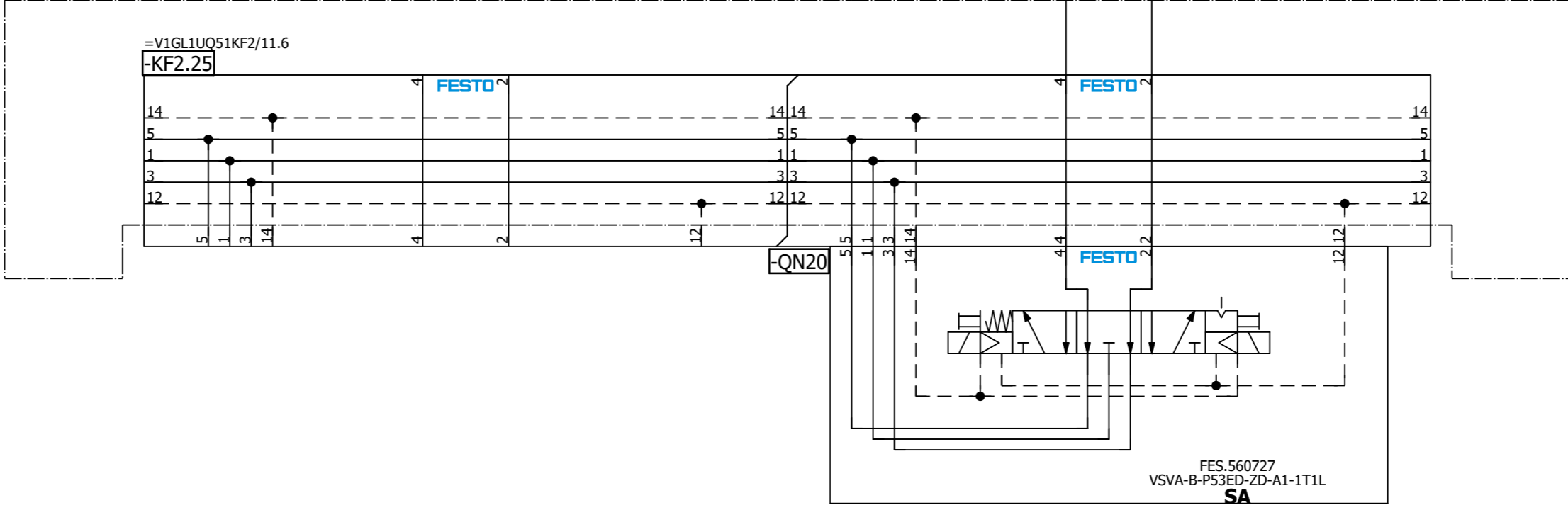
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			Appr.		P6700 Bodyside RH - Robot Cell 2V10			Document type:	Project nr:	Page
Modification	Date	Name	Original		Replacement of	Replaced by		MFS	22-16150	1
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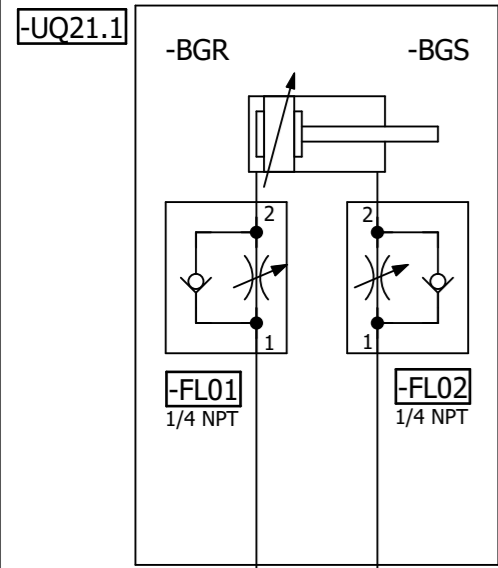
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Clamp 20
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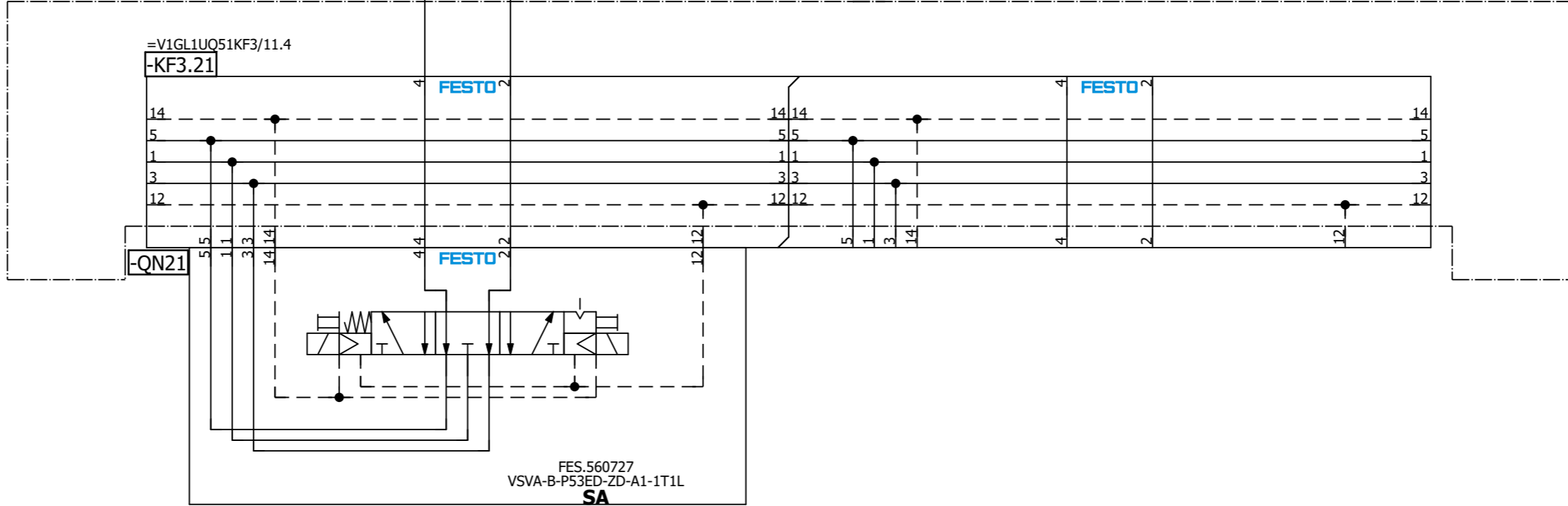
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Original			Replaced by				MFS		22-16150
Modification		Date	Name	Original					420



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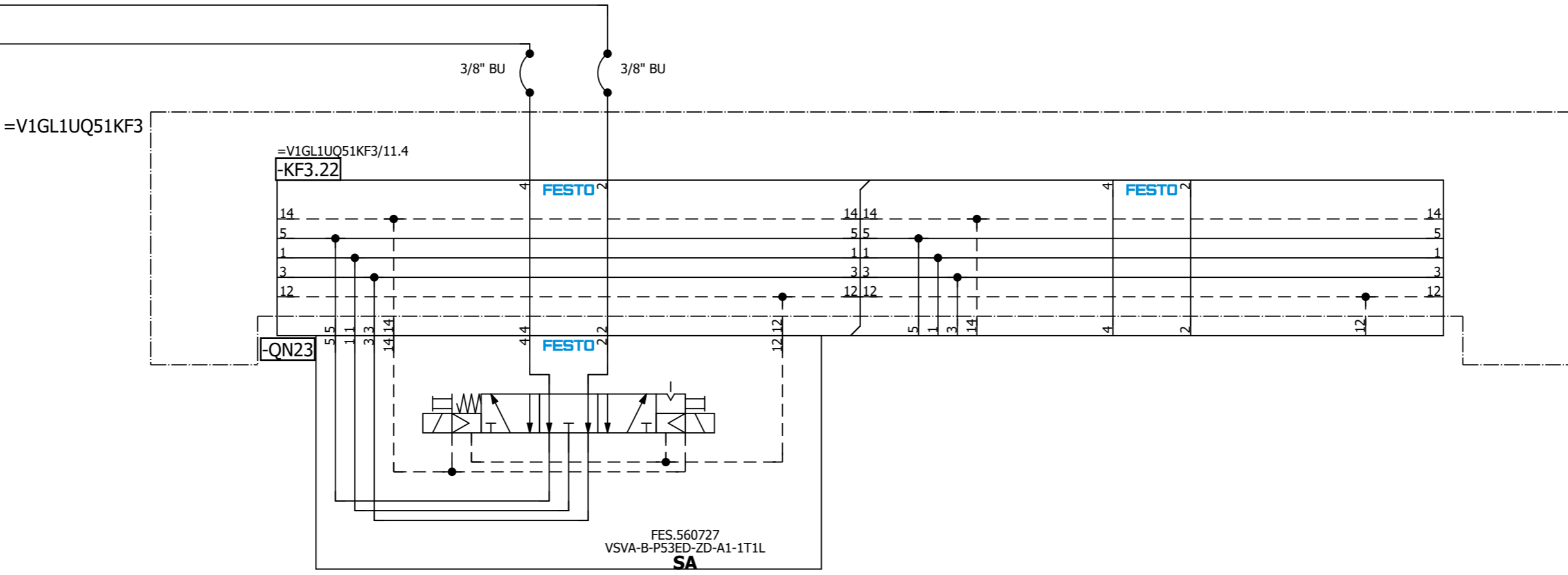
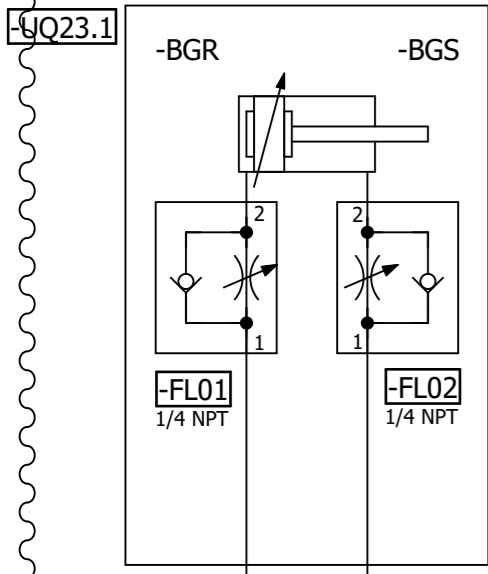
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Clamp 21
(SET)

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Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1



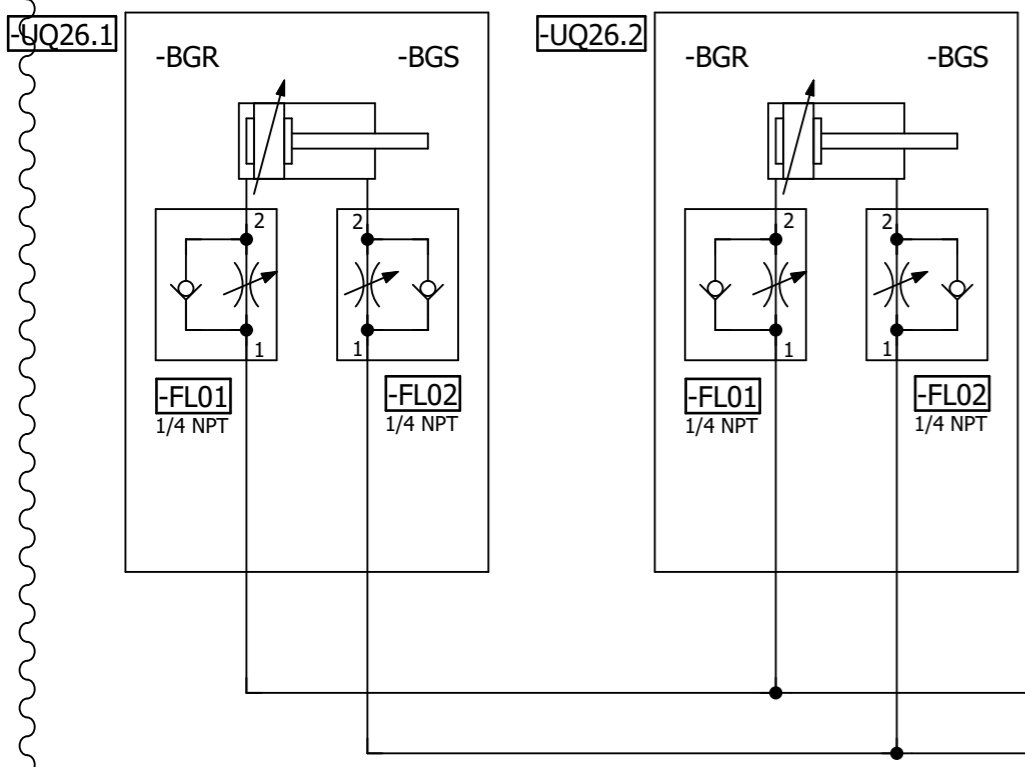
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Clamp 23
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Clamp 23
(SET)

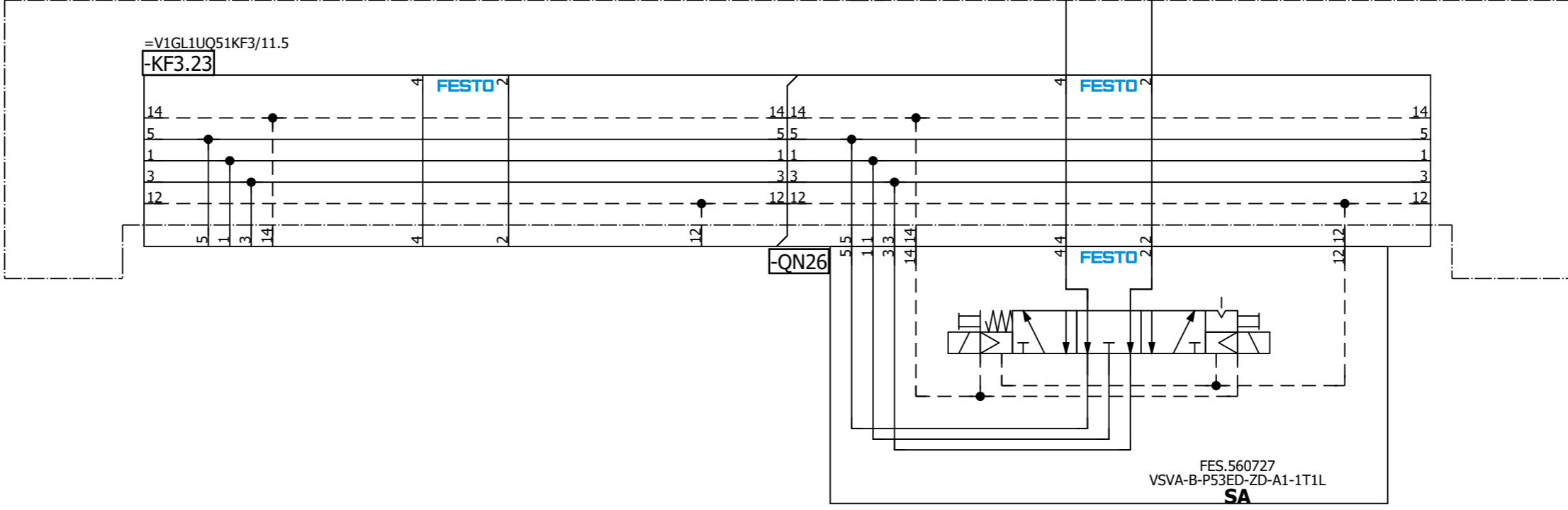
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Appr				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Document type:		MFS	
										Page		1	
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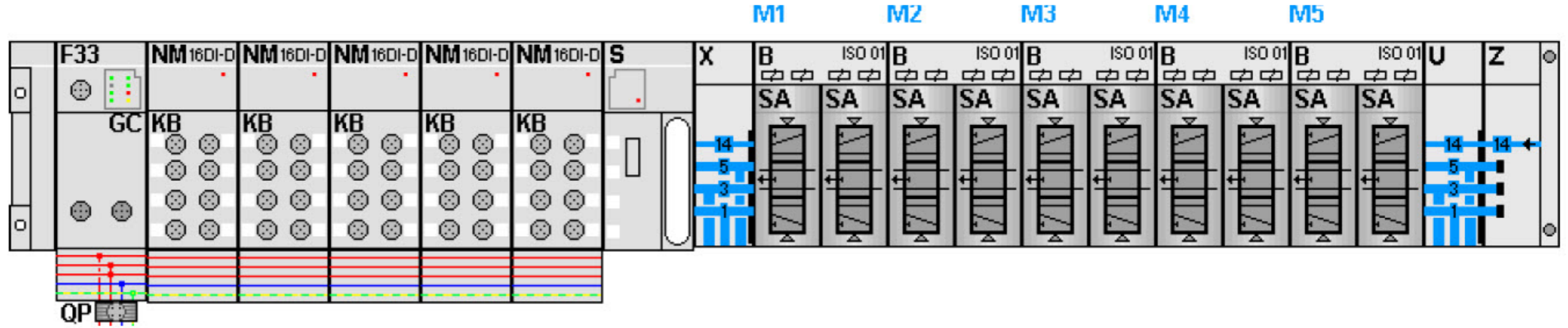
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Clamps 26
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Clamps 26
(SET)

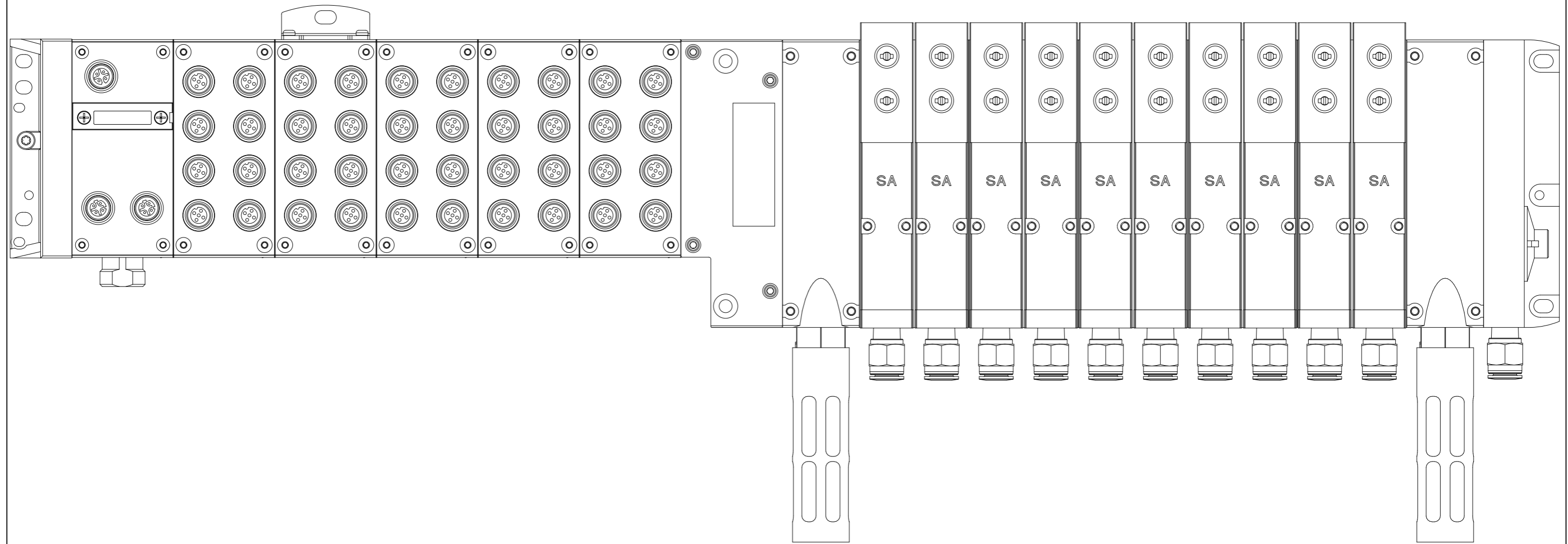
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Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1		Project nr:	22-16150	Page	1
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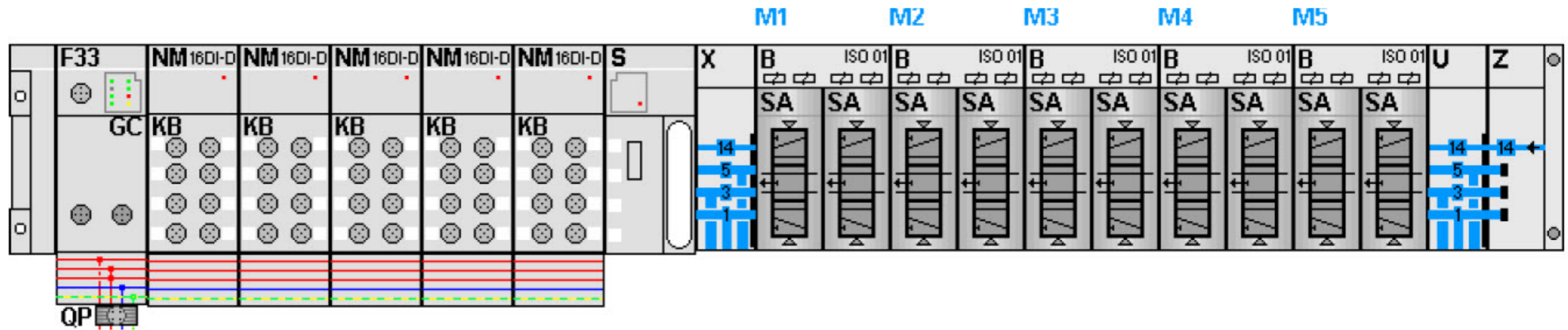


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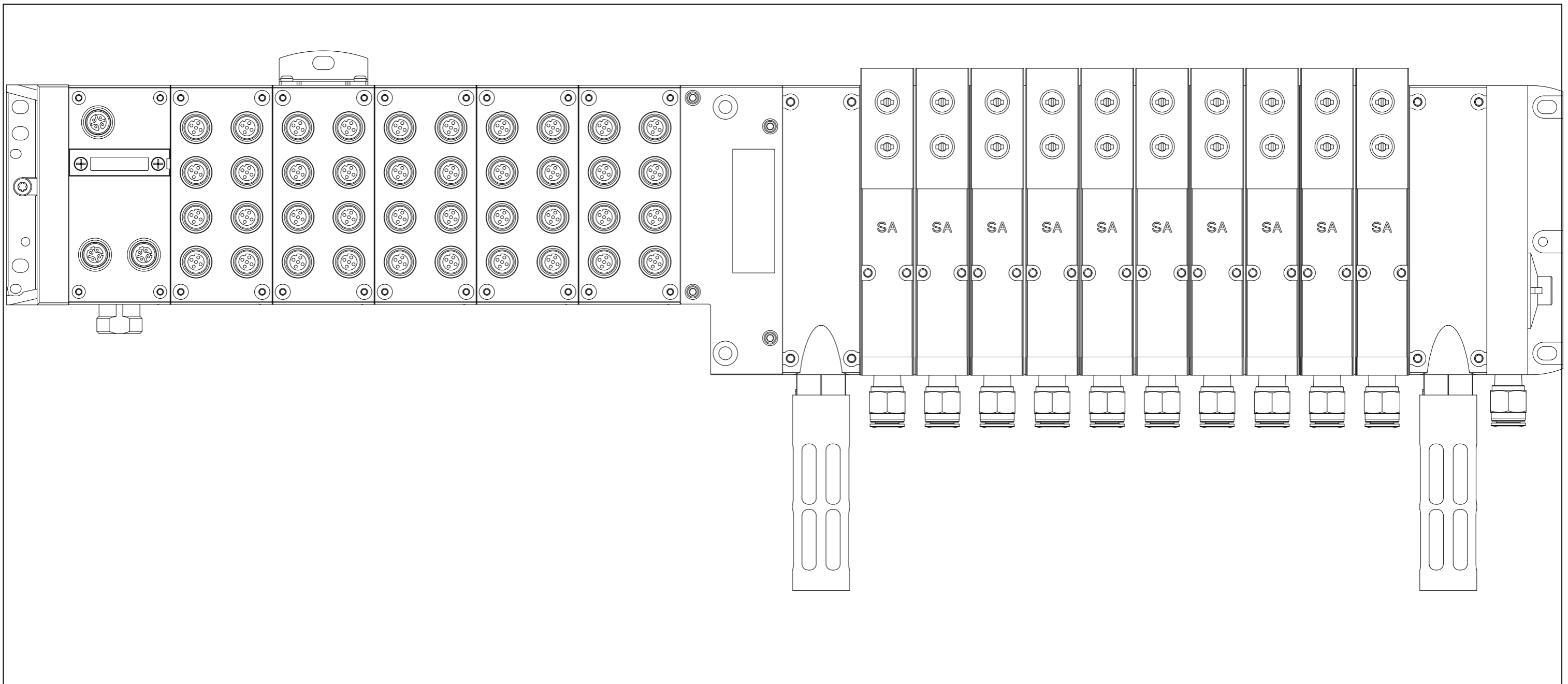


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		Ed.	MKLEPADLO		Scale 1:1		=2V10&MFS-PNEU		+ V1GL1UQ52
Modification	Date	Name	Original				Document type:	MFS	Project nr:
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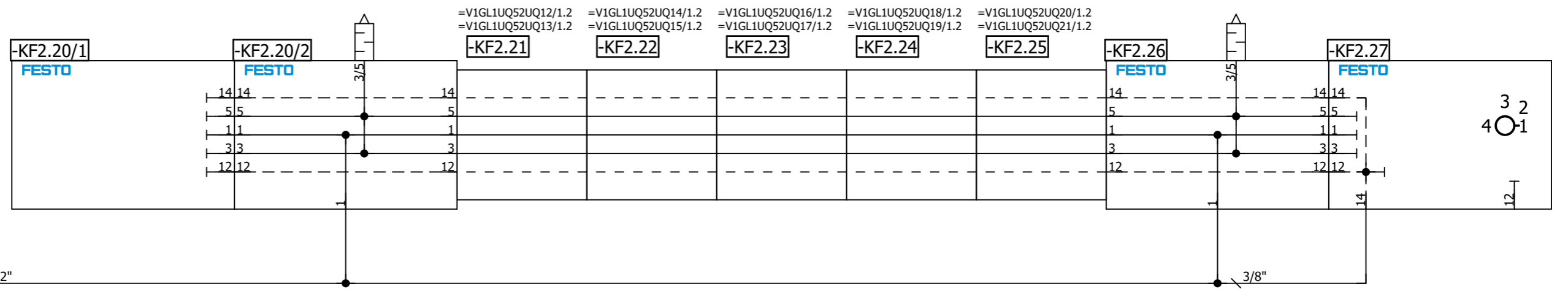
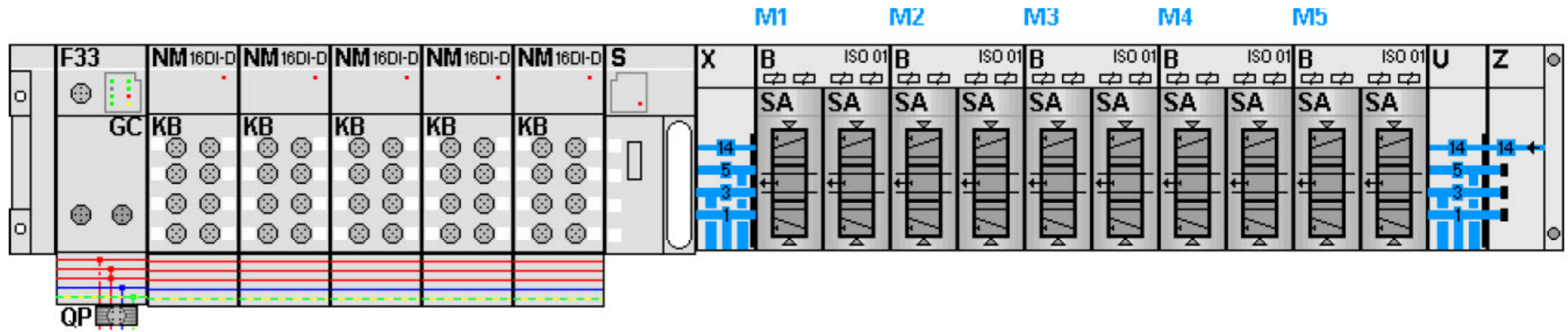
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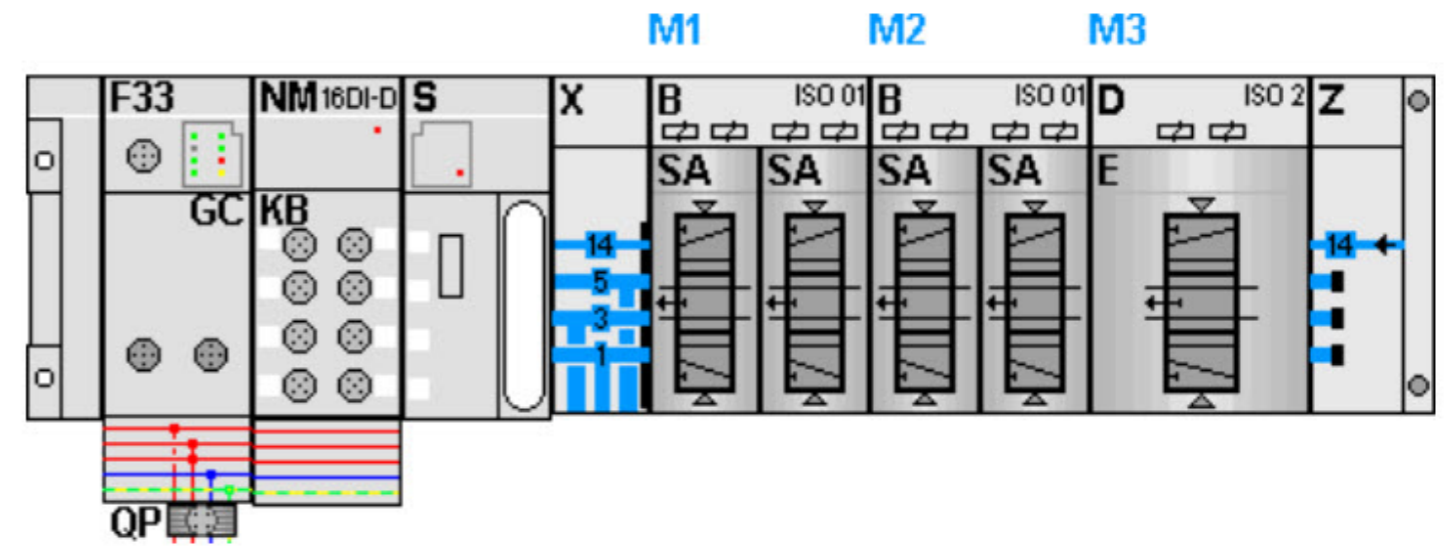


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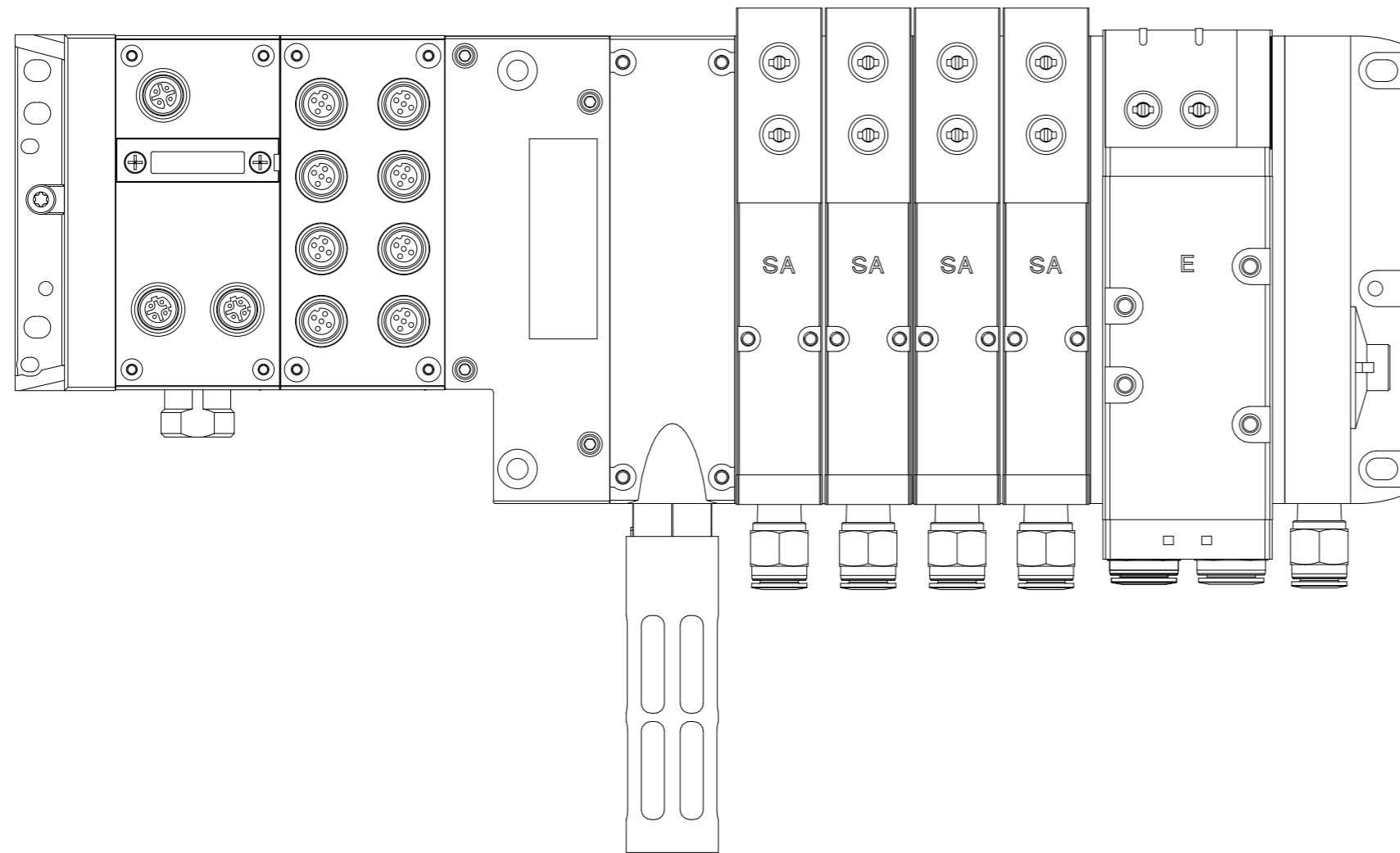
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Appr				Replacement of		Replaced by		Scale 1:1		Document type:		Project nr:	
Modification		Date		Name		Original				MFS		22-16150	
												Page	5
													420



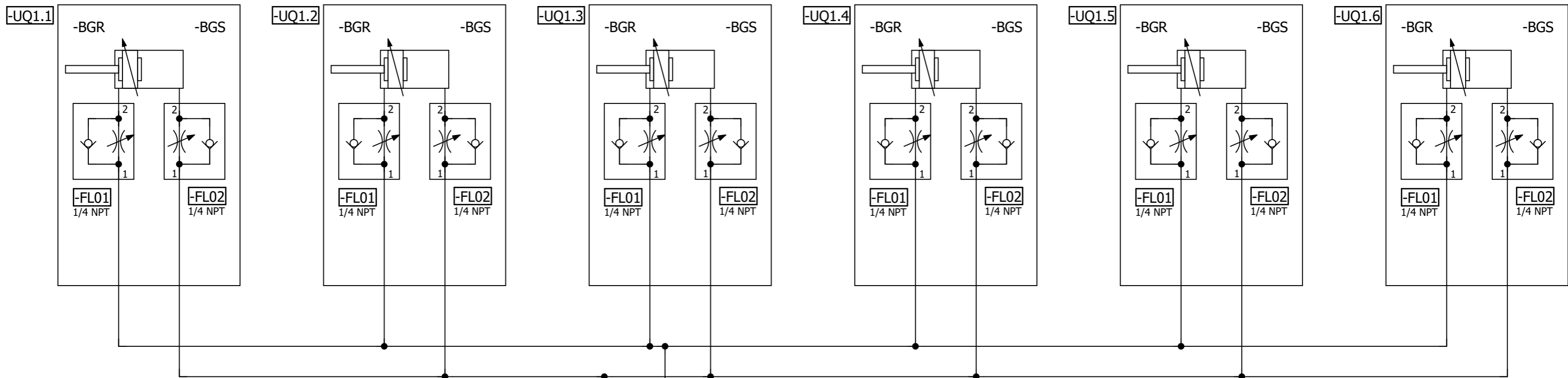


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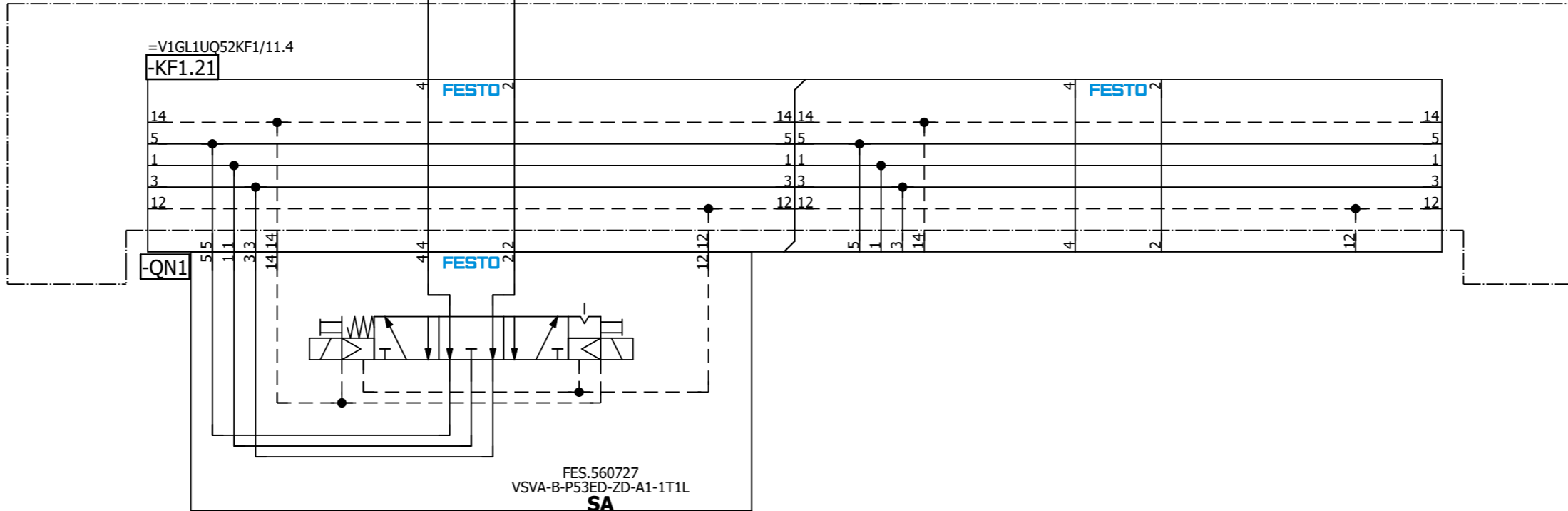


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Appr:		Replacement of		Replaced by		Scale 1:1		Page 5	
Modification		Date		Name		Original		420	



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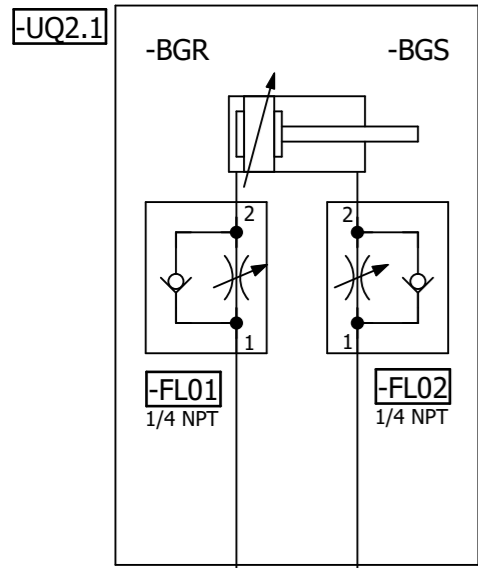
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Shot Pins 1
(RST)

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Shot Pins 1
(SET)

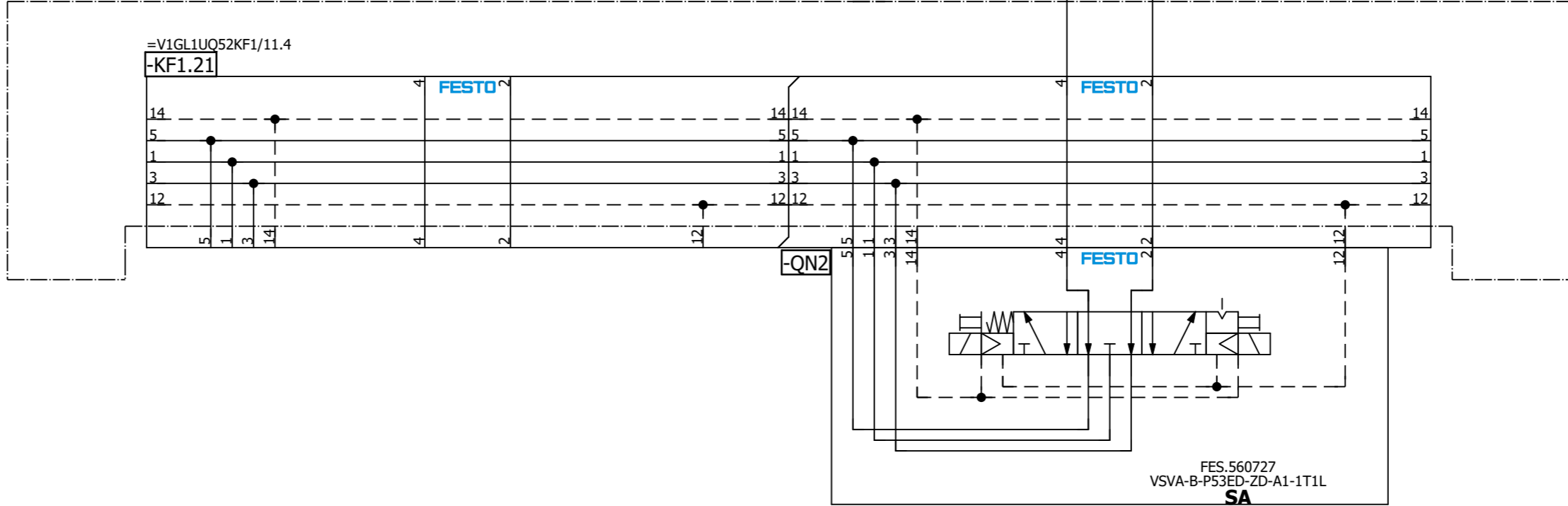
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Modification	Date	Name	Original		Replacement of	Replaced by							Page	1
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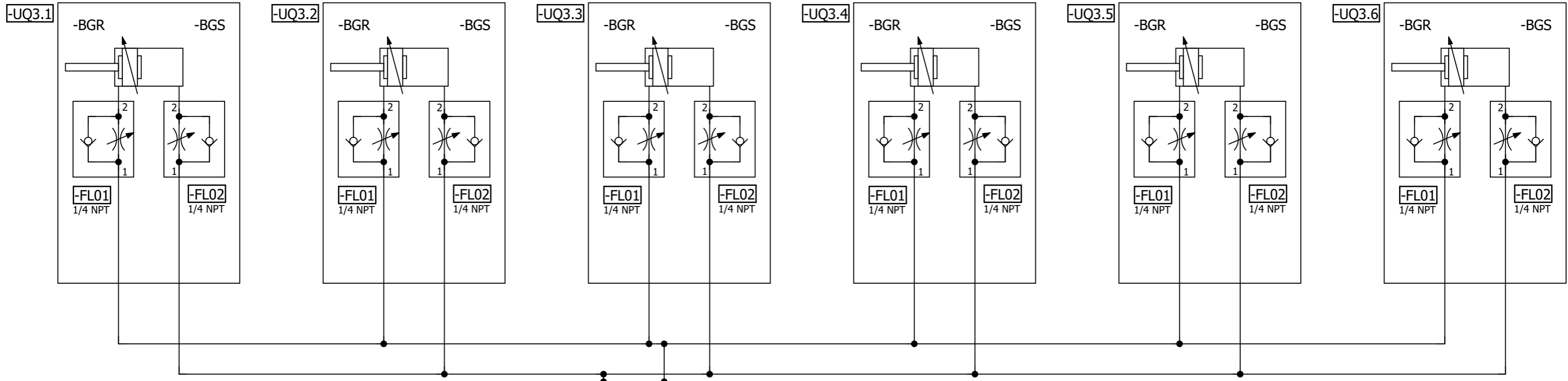


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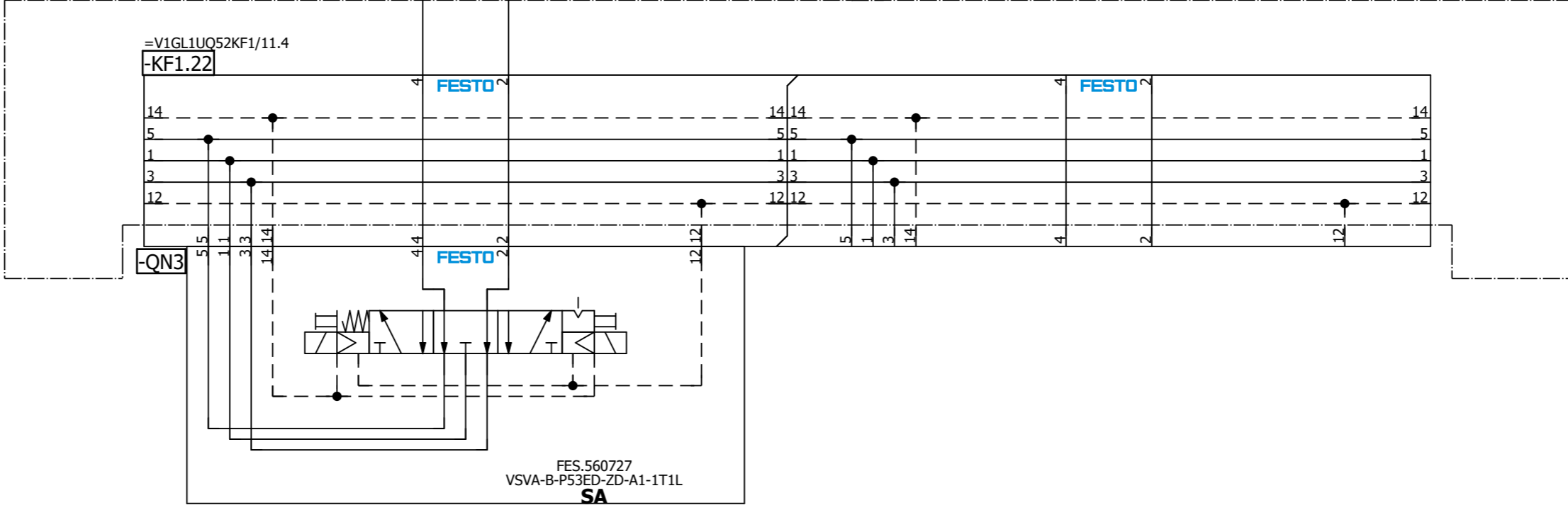
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Shot Pin 2
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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1	=2V10&MFS-PNEU		+ V1GL1UQ52		
			Appr				Document type:	MFS	Project nr:	22-16150	Page
Modification	Date	Name	Original		Replacement of	Replaced by				Page	420



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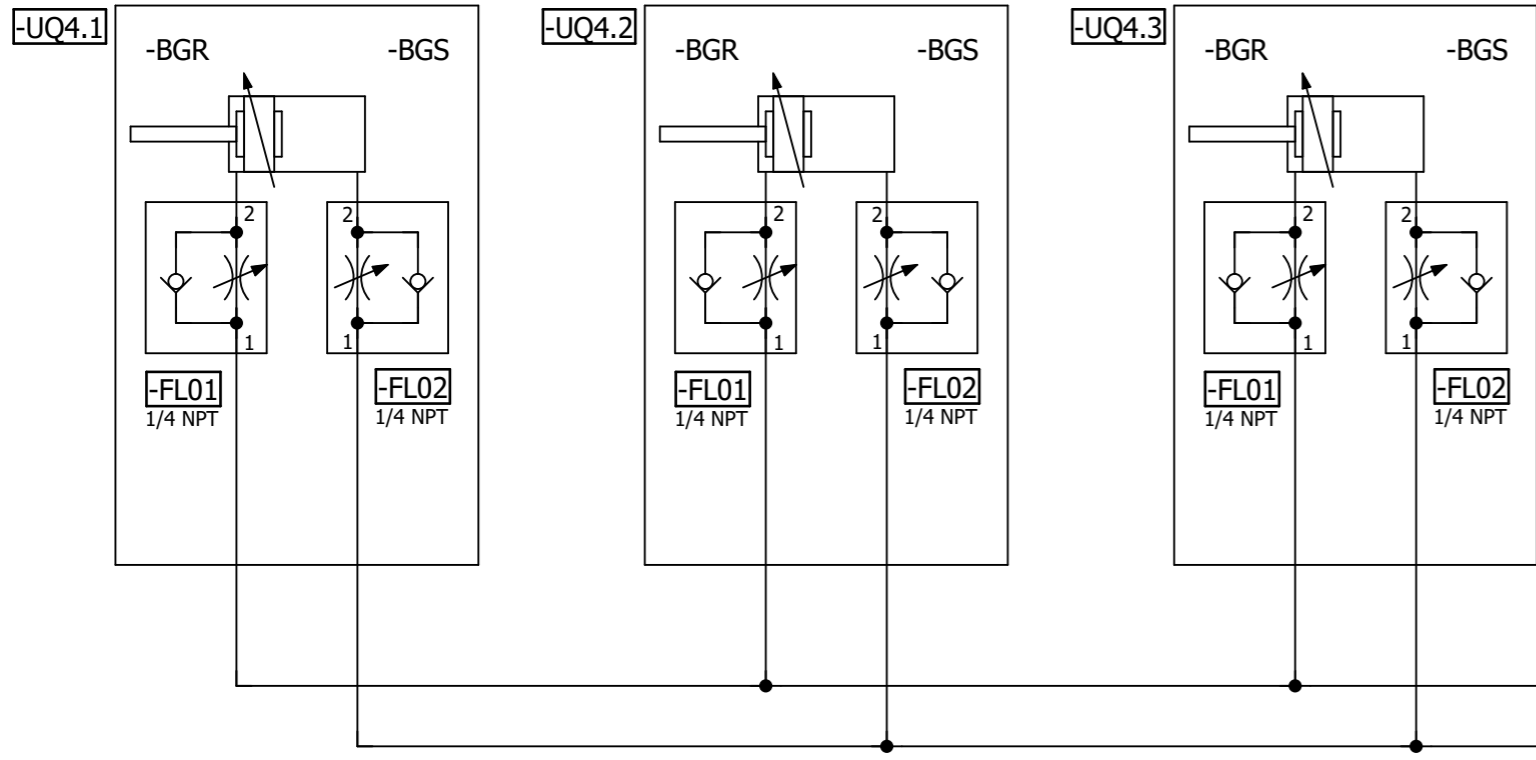
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Shot Pins 3
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Shot Pins 3
(SET)

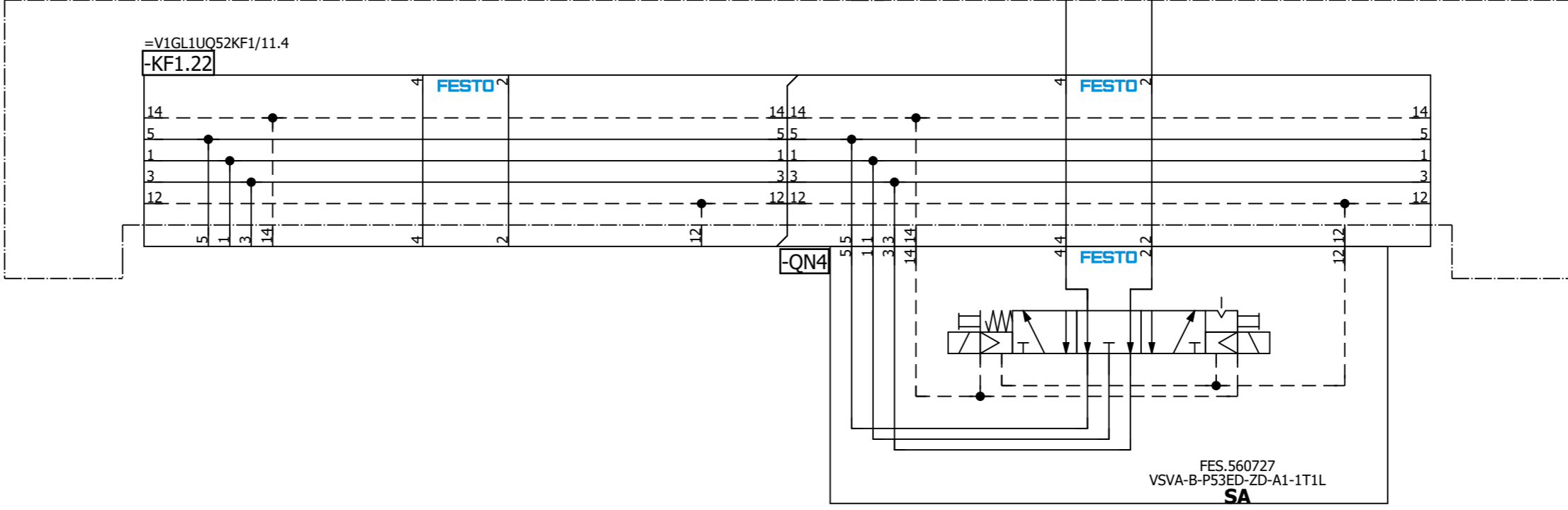
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				=2V10&MFS-PNEU		+ V1GL1UQ52	
Appr			Replacement of		Replaced by				Document type:		Project nr:	
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Modification		Date	Name								Page	
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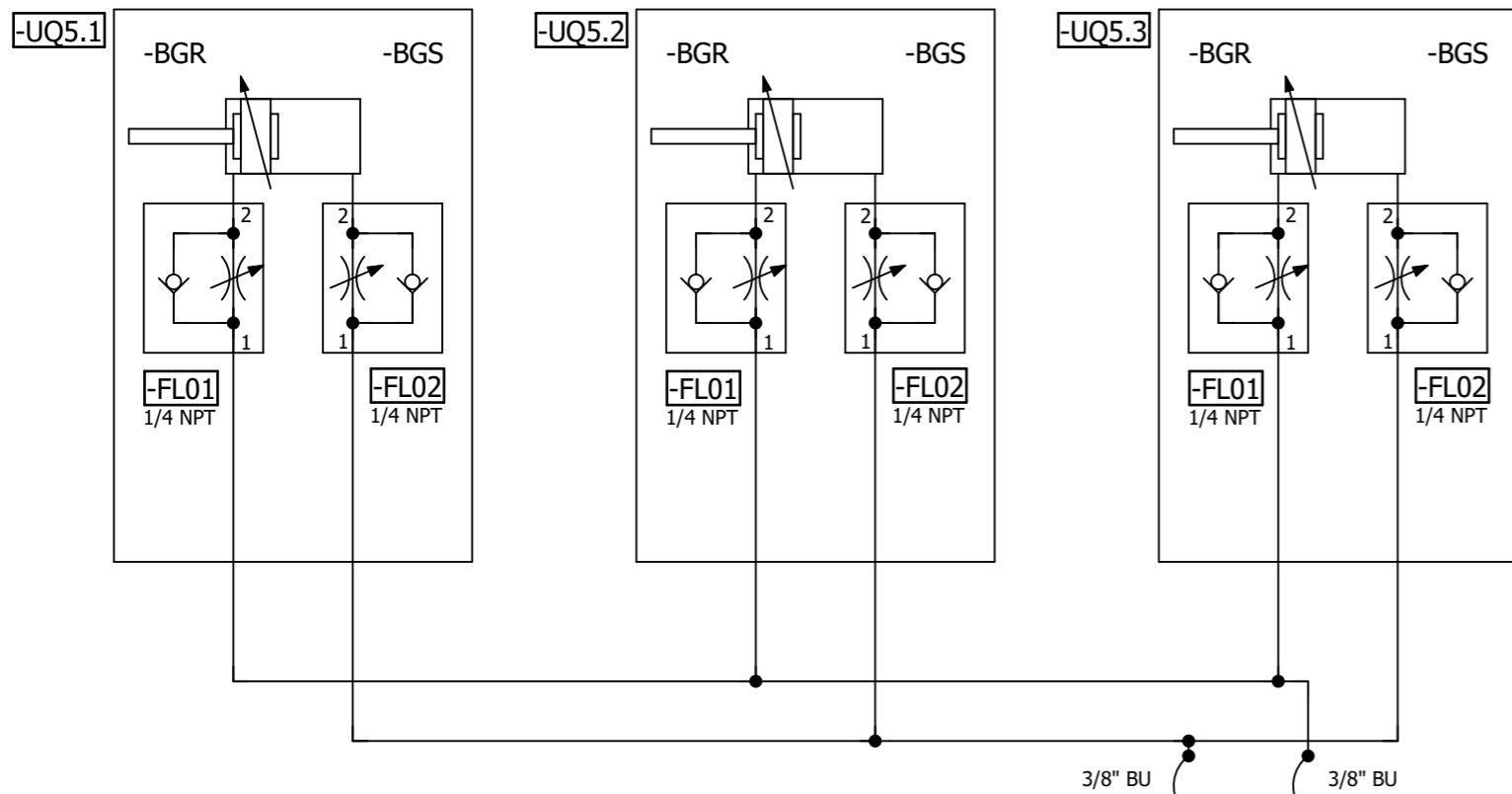


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Shot Pins 4
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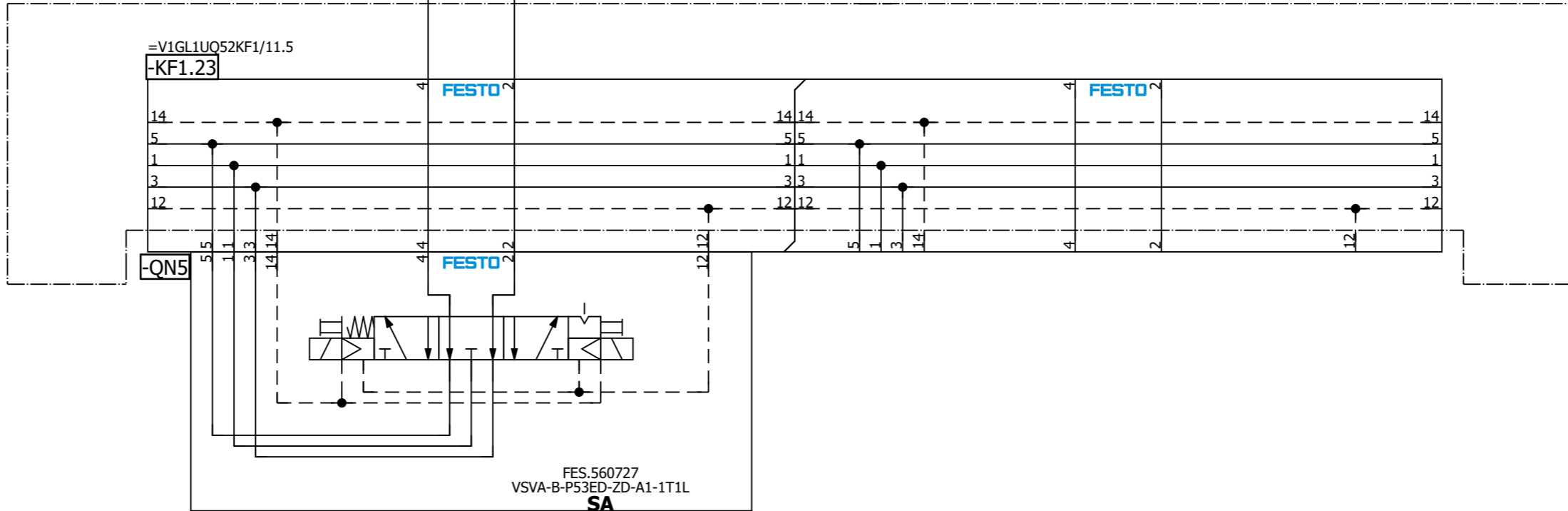
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=V1GL1UQ52KF1



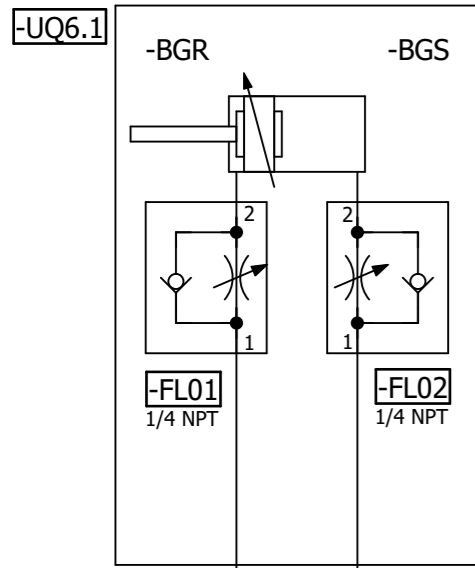
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Shot Pins 5
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Shot Pins 5
(SET)

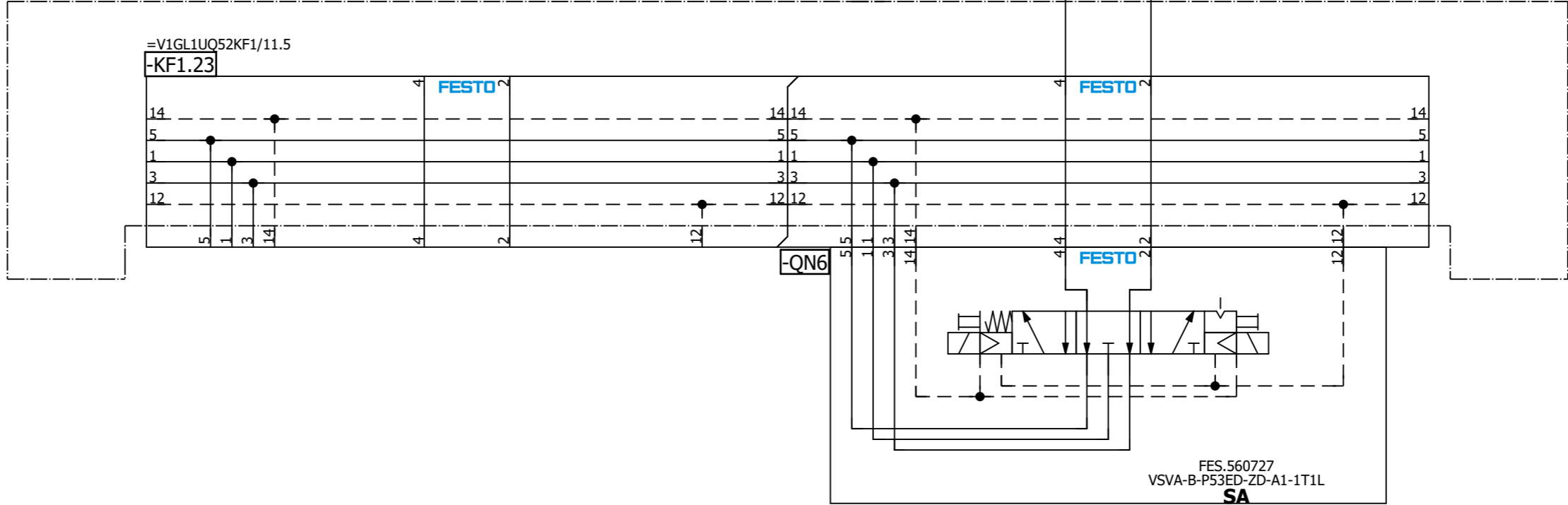
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Appr.				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
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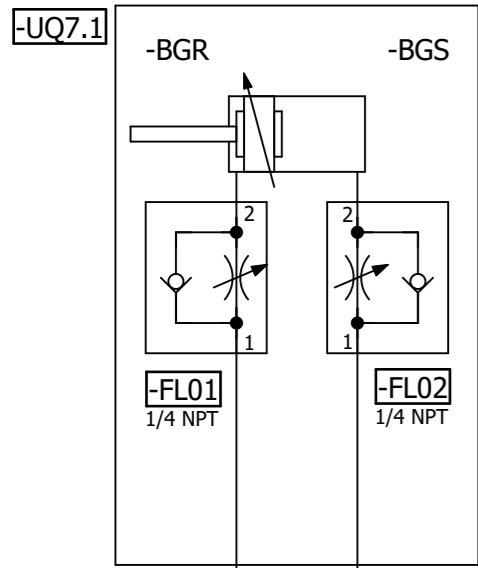


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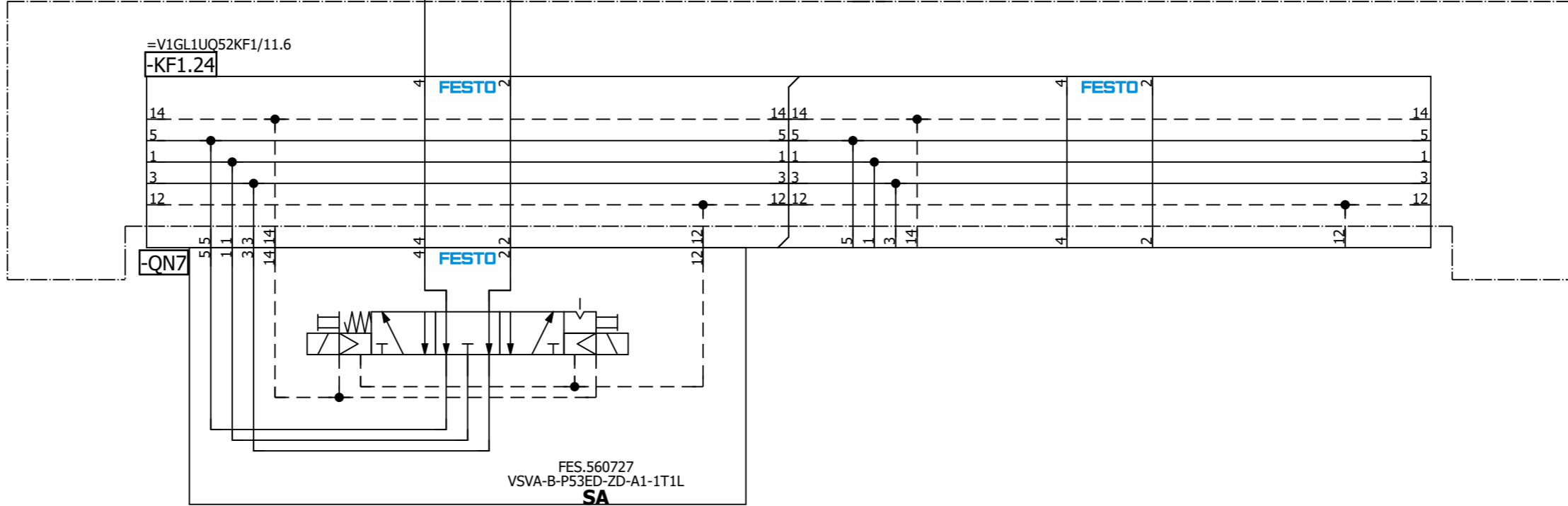
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Shot Pin 6
(SET)

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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1		=2V10&MFS-PNEU	+ V1GL1UQ52	
Modification	Date	Name	Appr	Original	Replacement of	Replaced by			Document type:	Project nr:	Page
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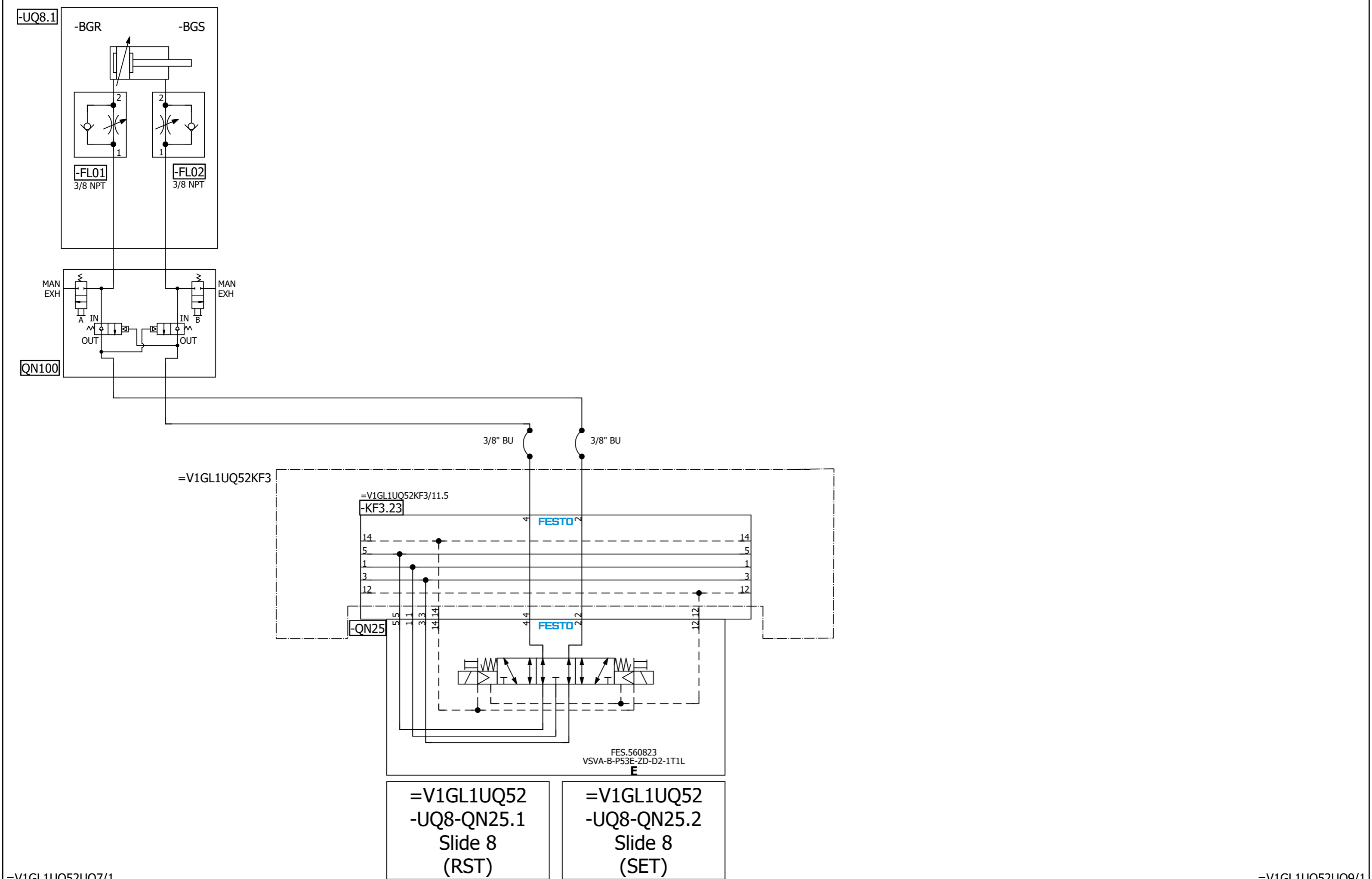
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Shot Pin 7
(SET)

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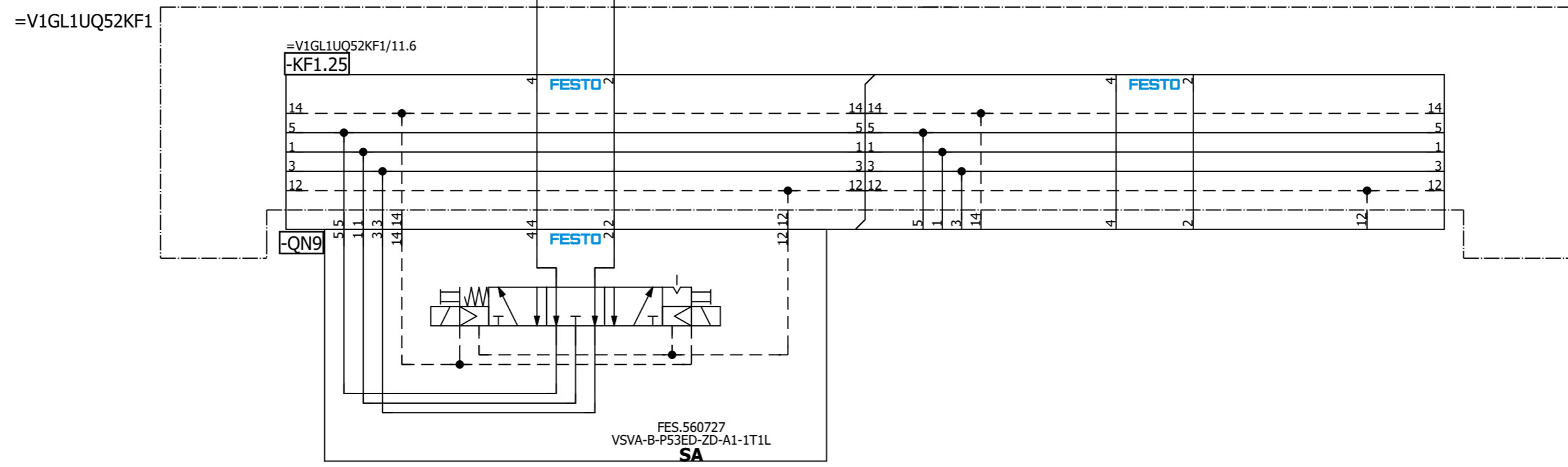
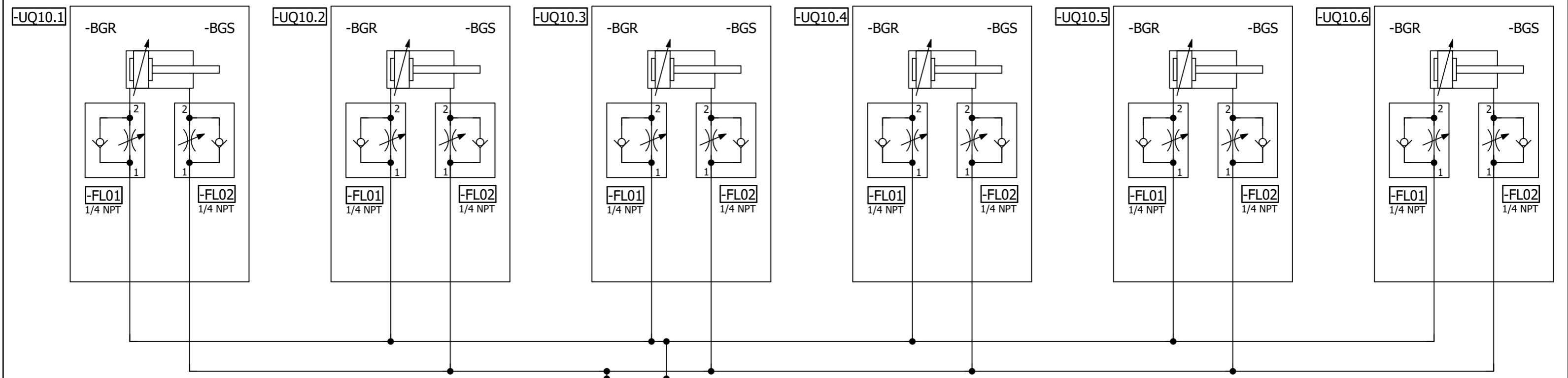
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Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									420



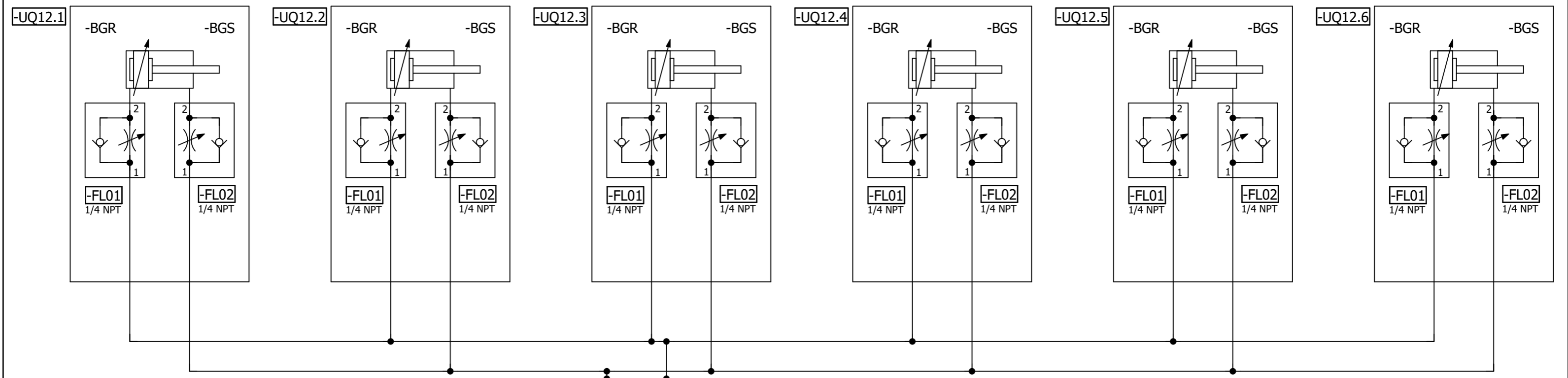
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Appr.			Replacement of		Scale 1:1		Document type:	MFS	Project nr:	22-16150	Page	1
Original			Replaced by								420	

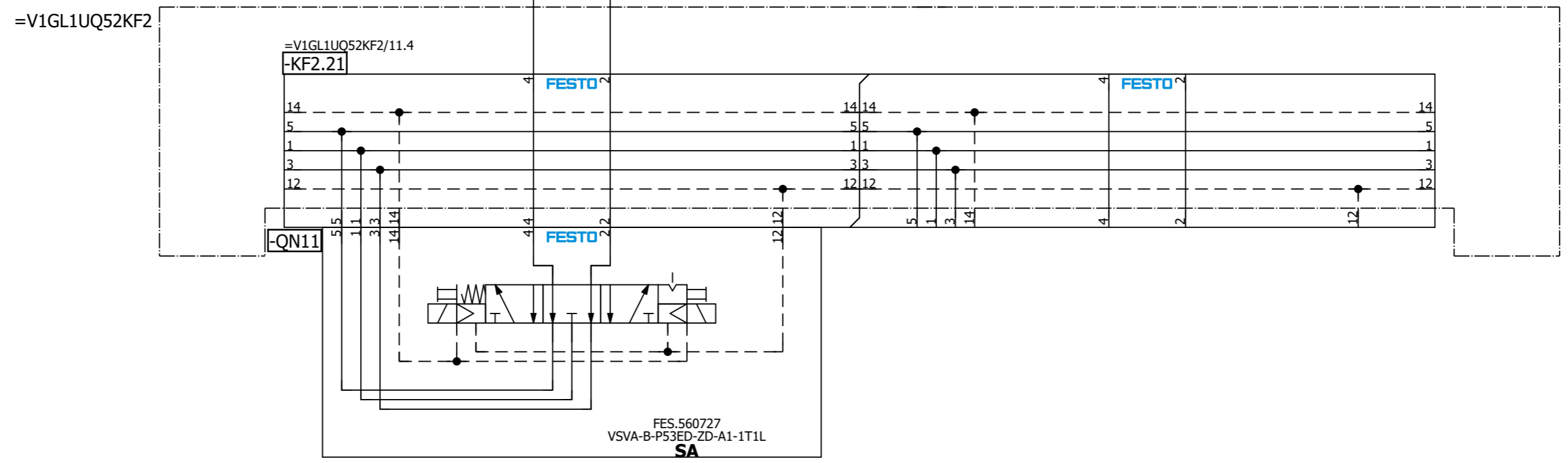


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Clamps 10
(RST)

=V1GL1UQ52
-UQ10-QN9.2
Clamps 10
(SET)



3/8" BU 3/8" BU



=V1GL1UQ52
-UQ12-QN11.1
Clamps 12
(RST)

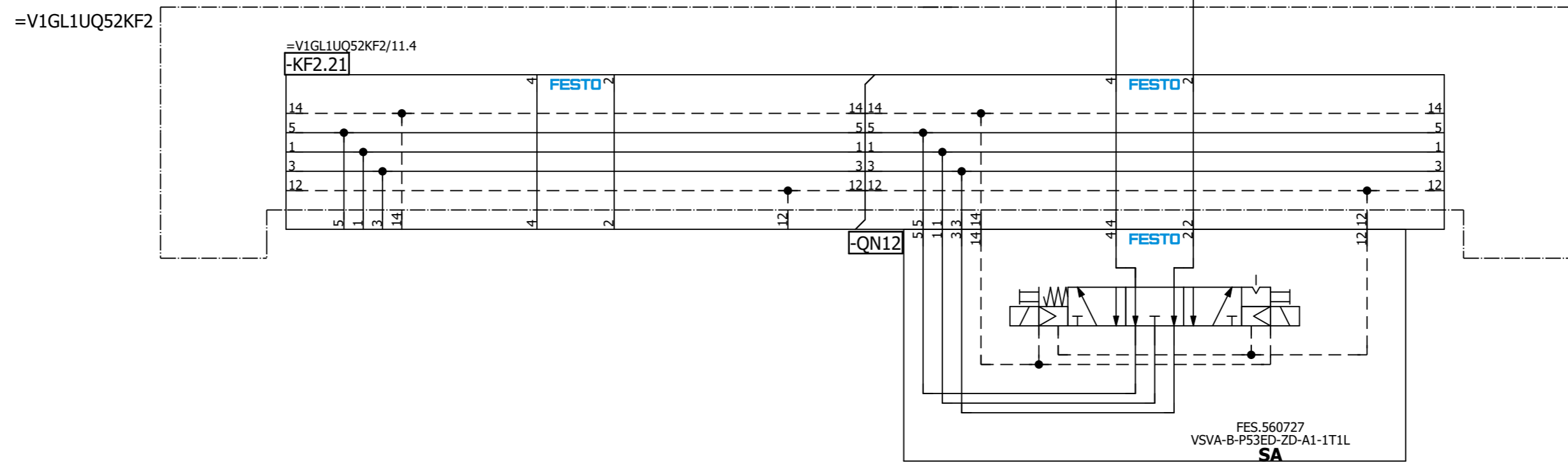
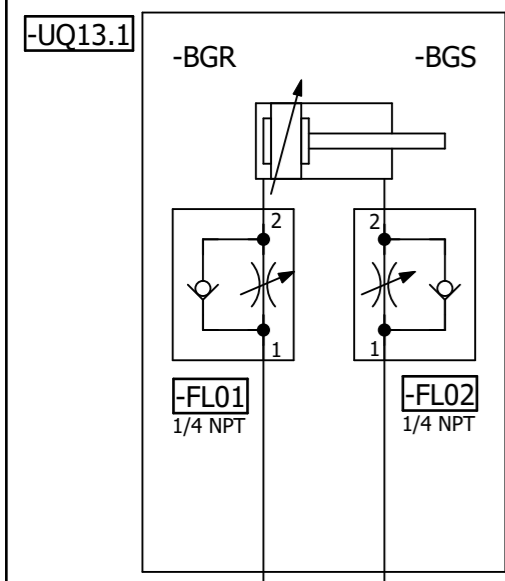
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Clamps 12
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SA

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Original										22-16150		1	
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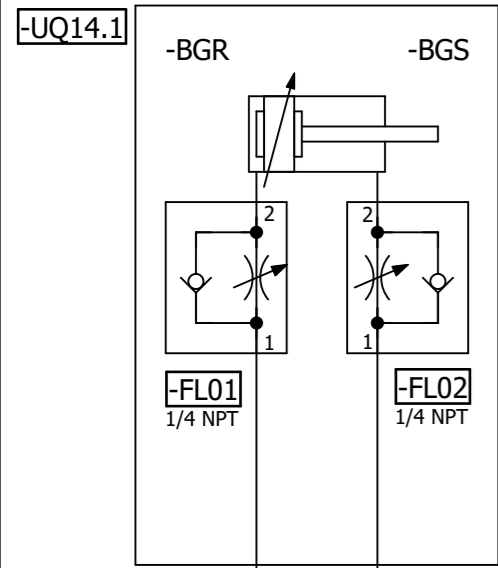
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Clamp 13
(SET)

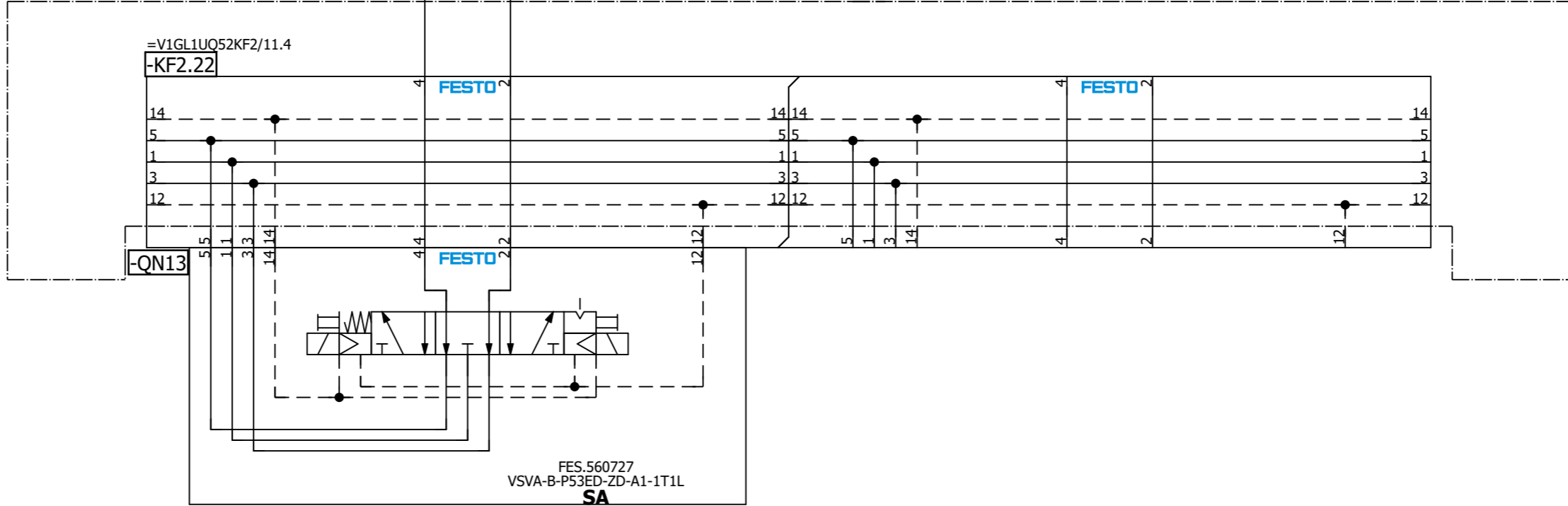
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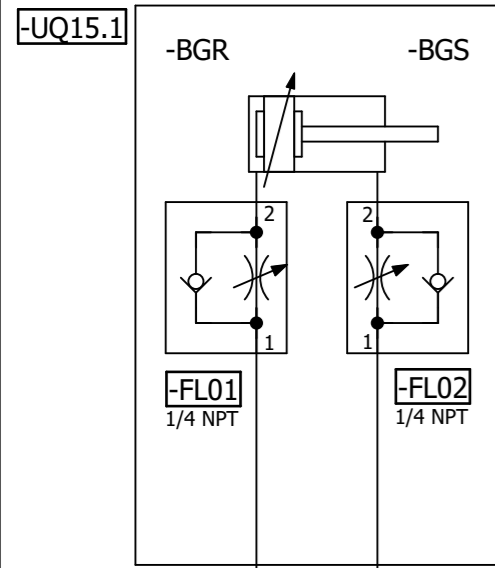
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Clamp 14
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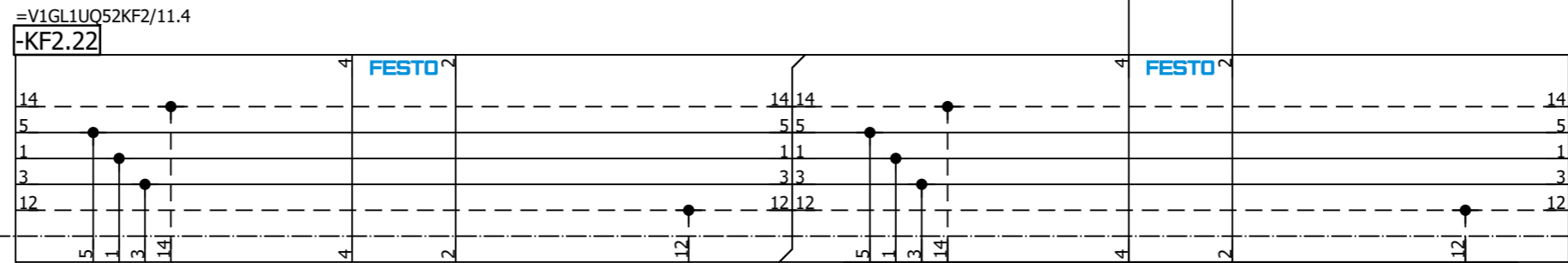
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Appr			Replacement of		Scale 1:1		Document type:		MFS
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Modification	Date	Name	Original				Page		1
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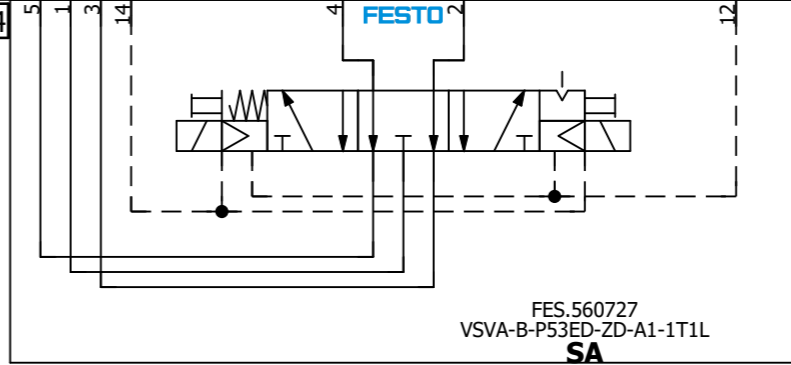


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3/8" BU

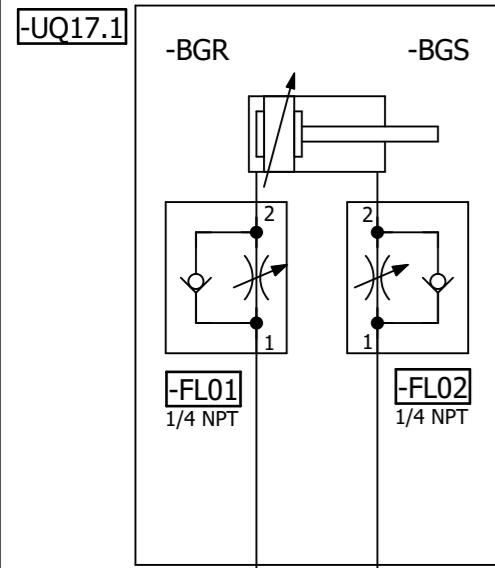
3/8" BU



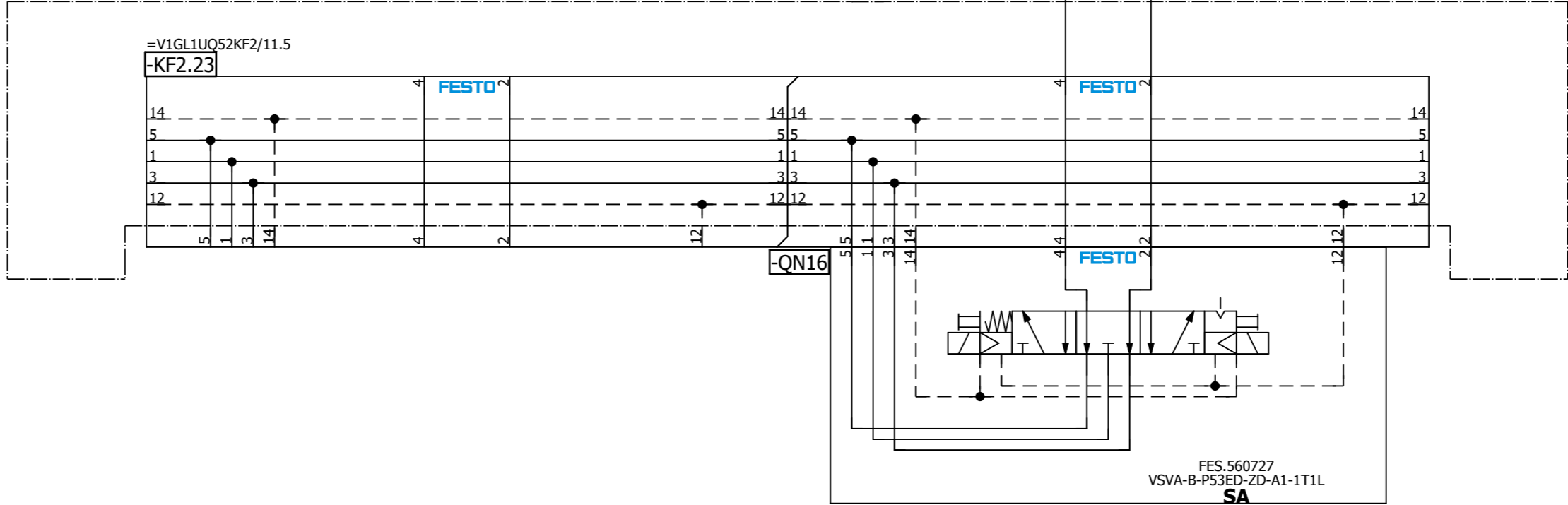
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SA

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Clamp 15
(SET)



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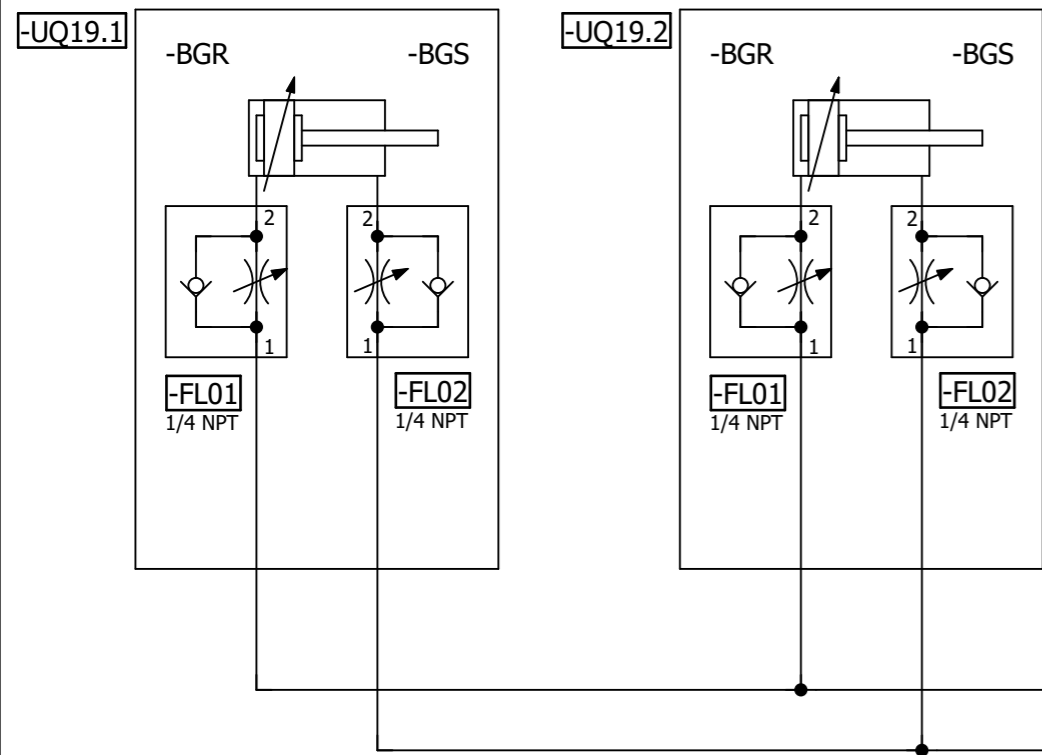


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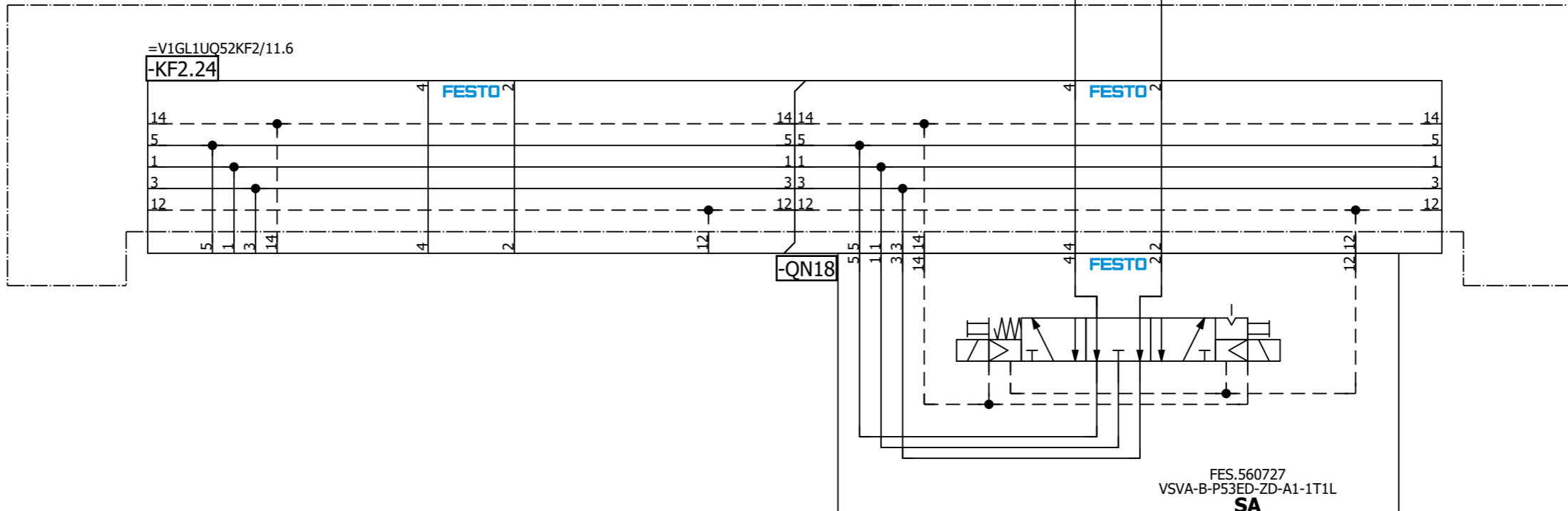
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Modification	Date	Name	Original					Project nr:	22-16150	
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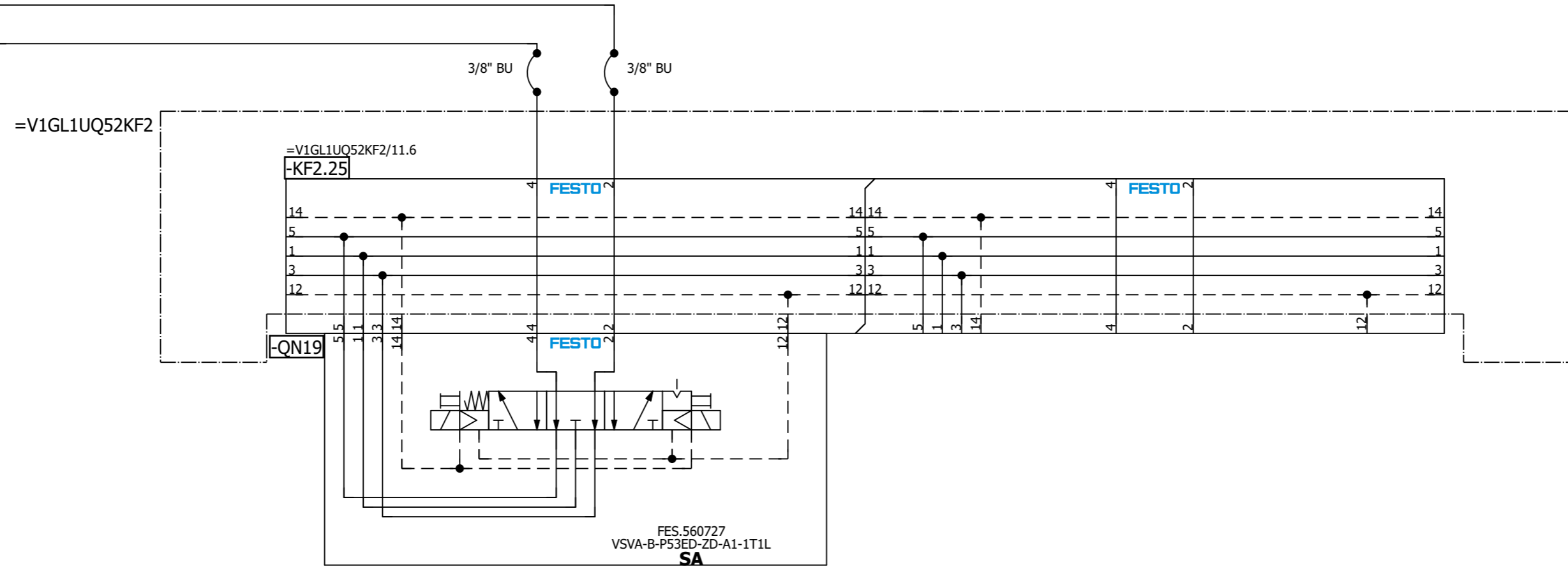
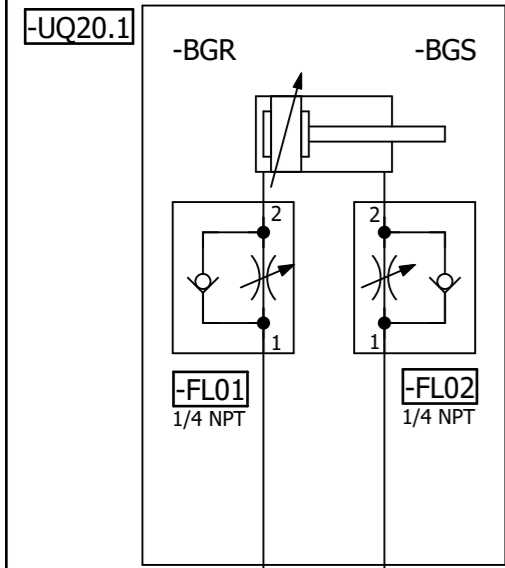
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Clamps 19
(RST)

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Clamps 19
(SET)

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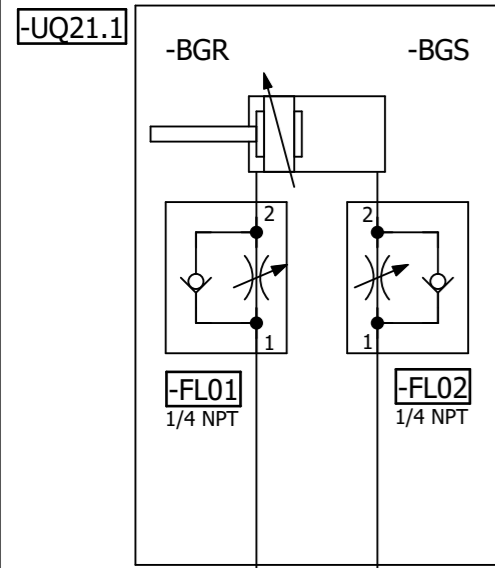
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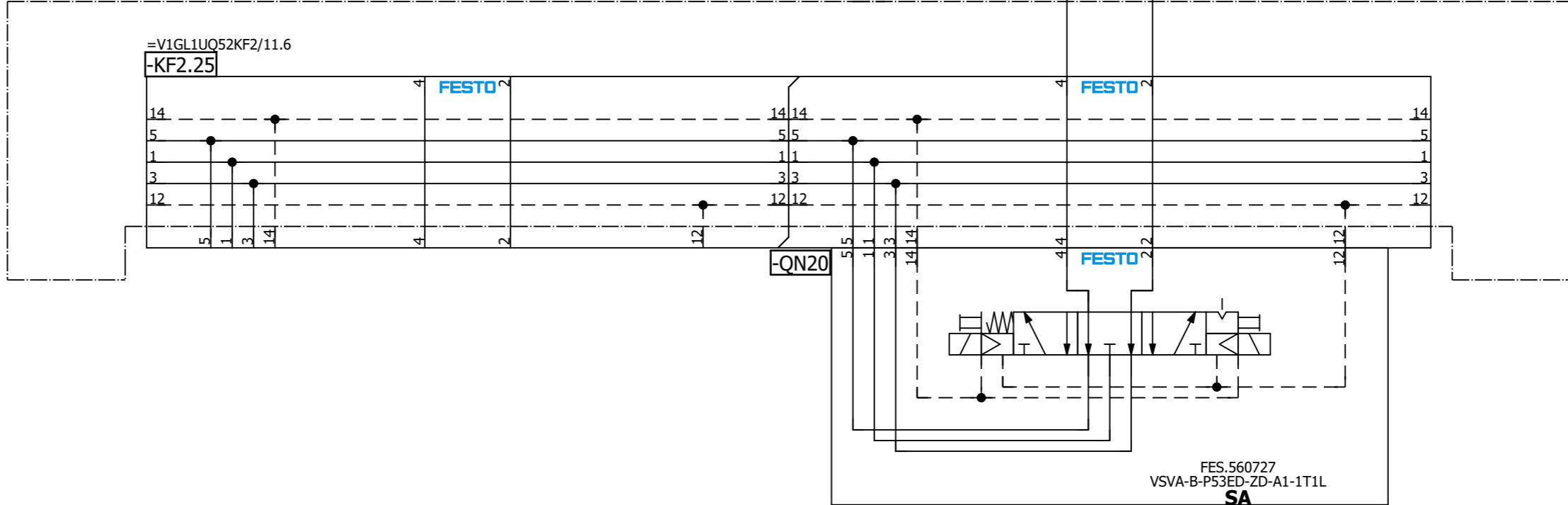
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			Appr.		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:
Modification	Date	Name	Original						MFS	22-16150
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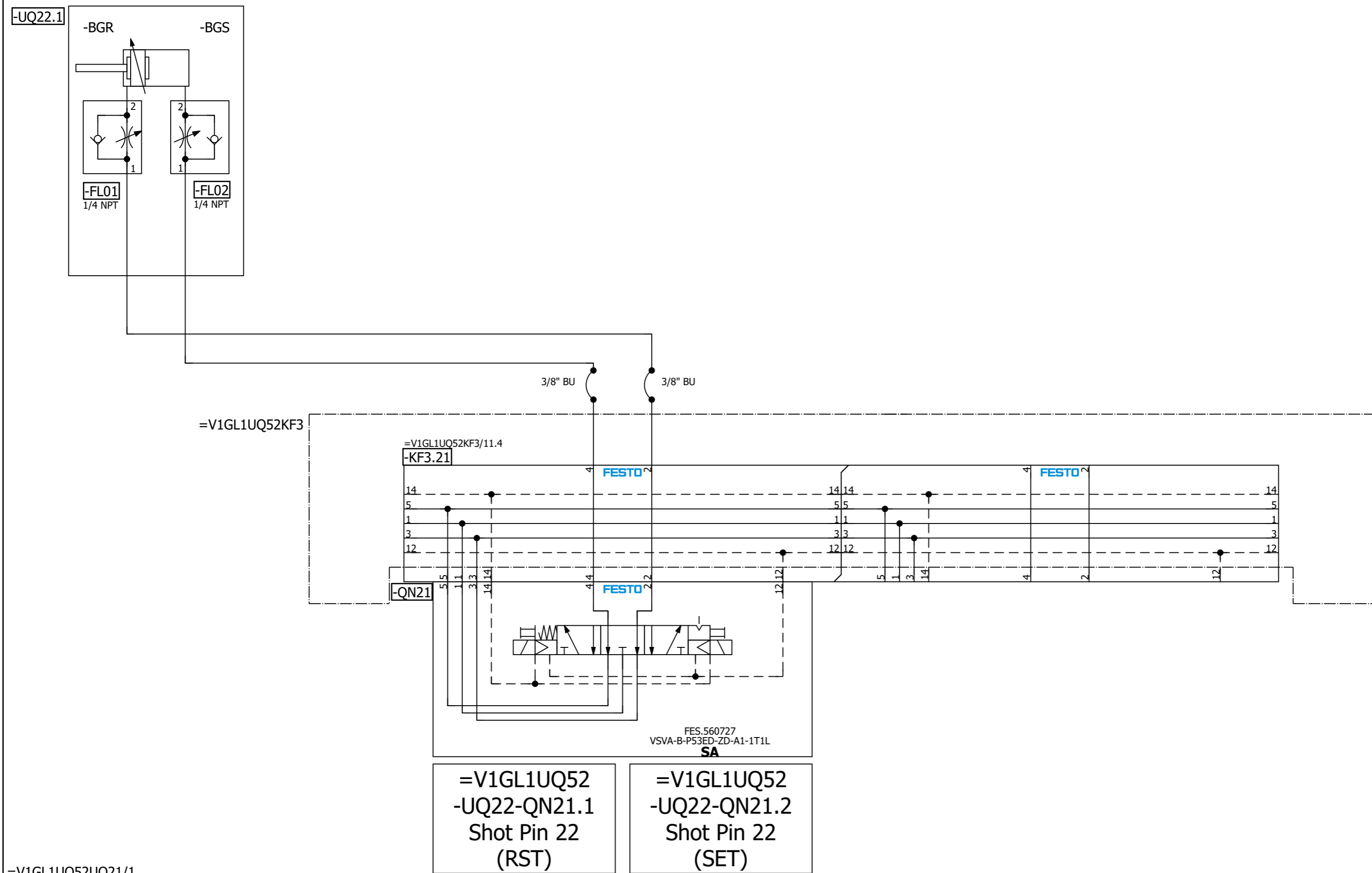


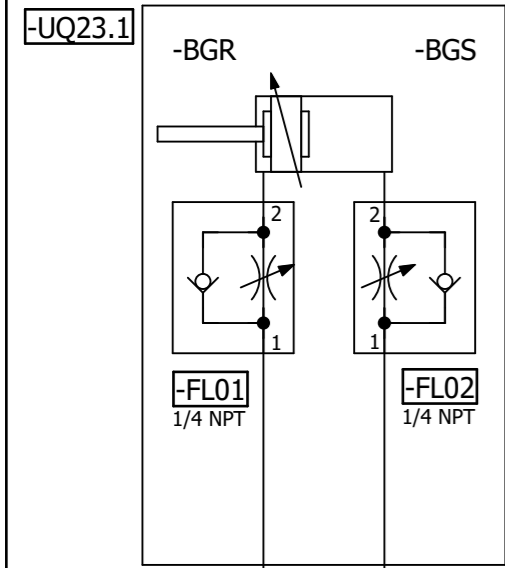
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Shot Pin 21
(SET)

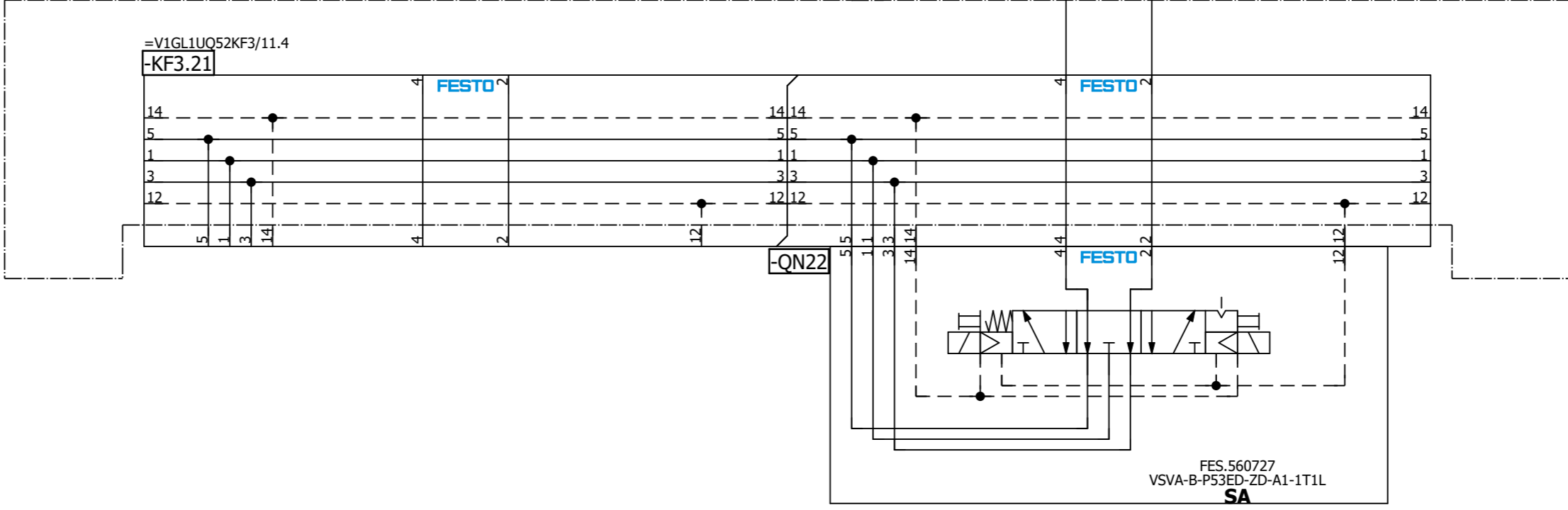
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Modification			Appr		P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1	Document type:		MFS	Project nr: 22-16150	Page	1
			Date				Name	Original	Replacement of		Replaced by	





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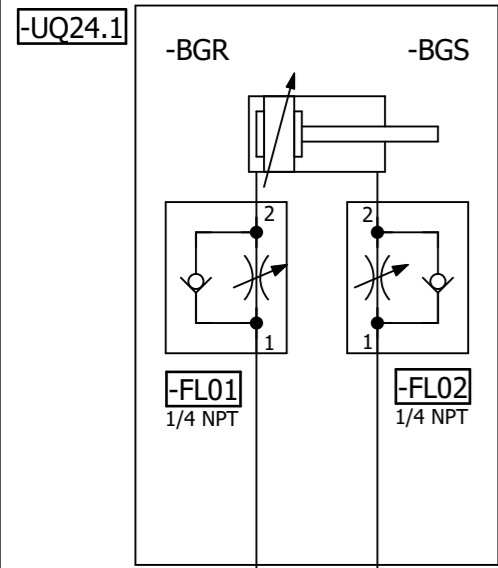


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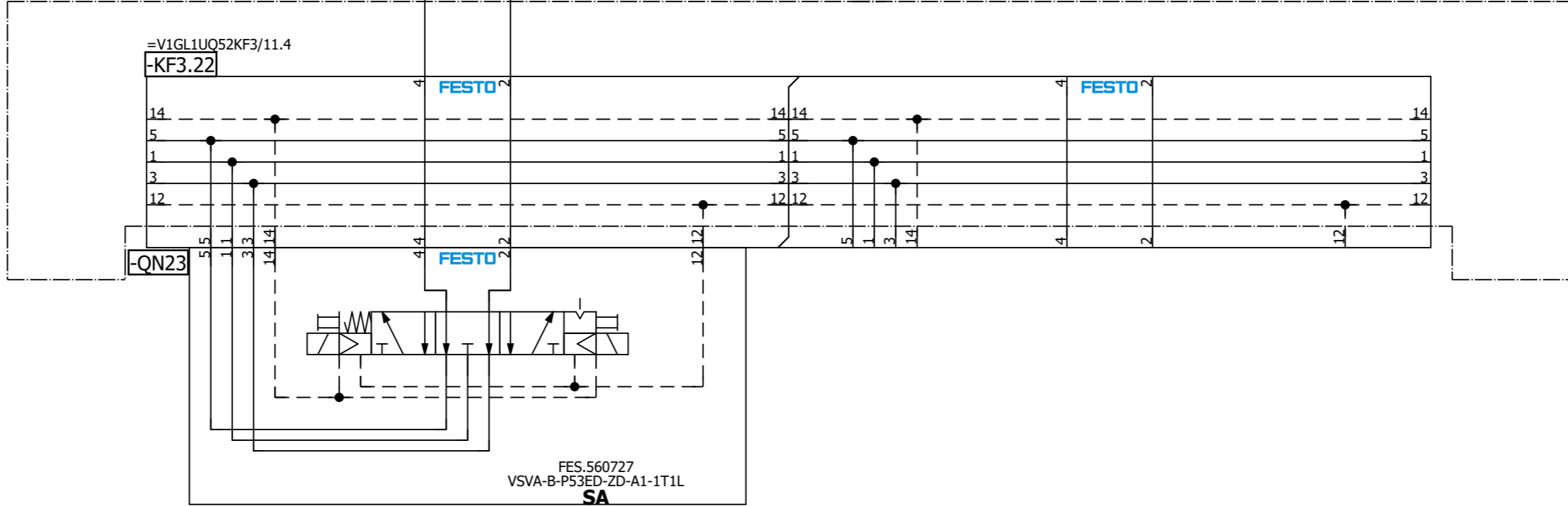
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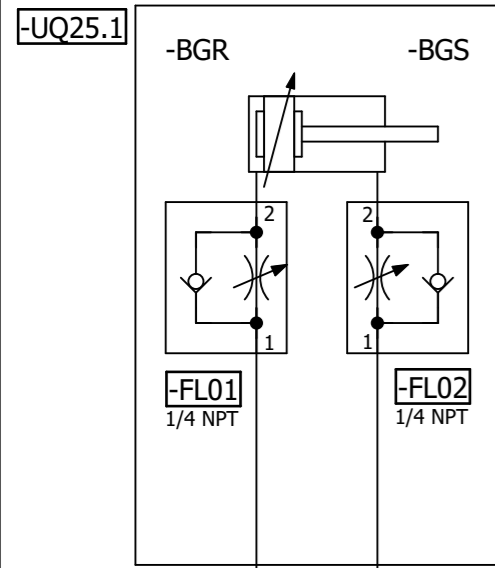


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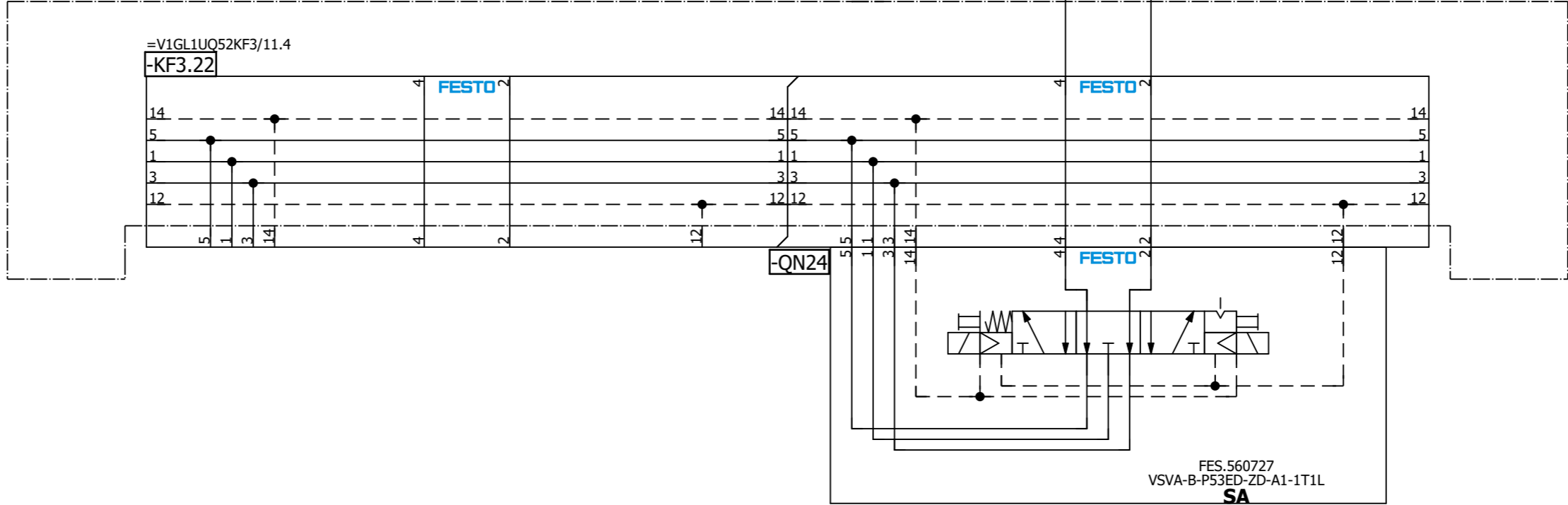


=V1GL1UQ52
-UQ24-QN23.1
Clamp 24
(RST)

=V1GL1UQ52
-UQ24-QN23.2
Clamp 24
(SET)



=V1GL1UQ52KF3

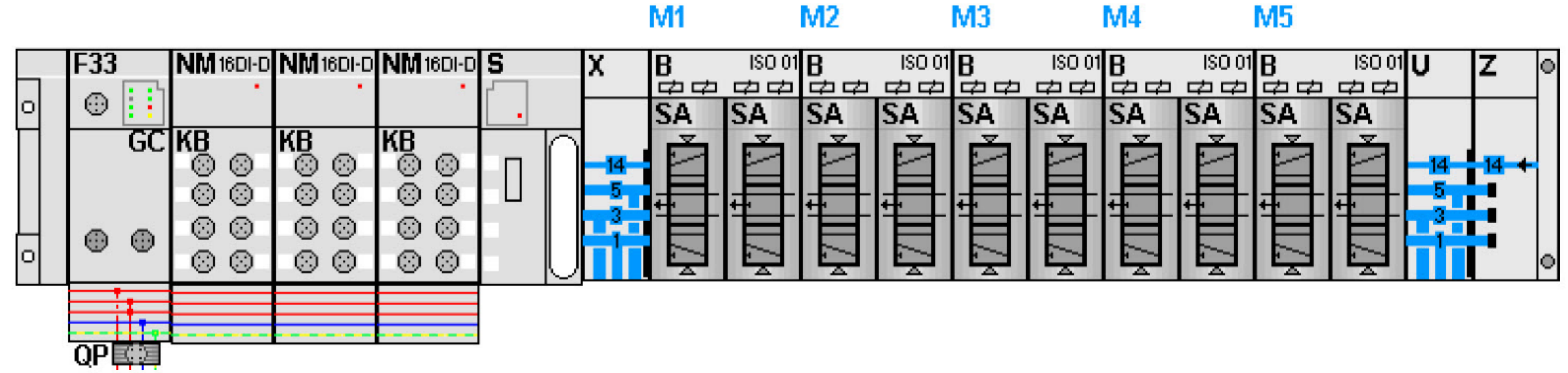


=V1GL1UQ52
-UQ25-QN24.1
Shot Pin 23
(RST)

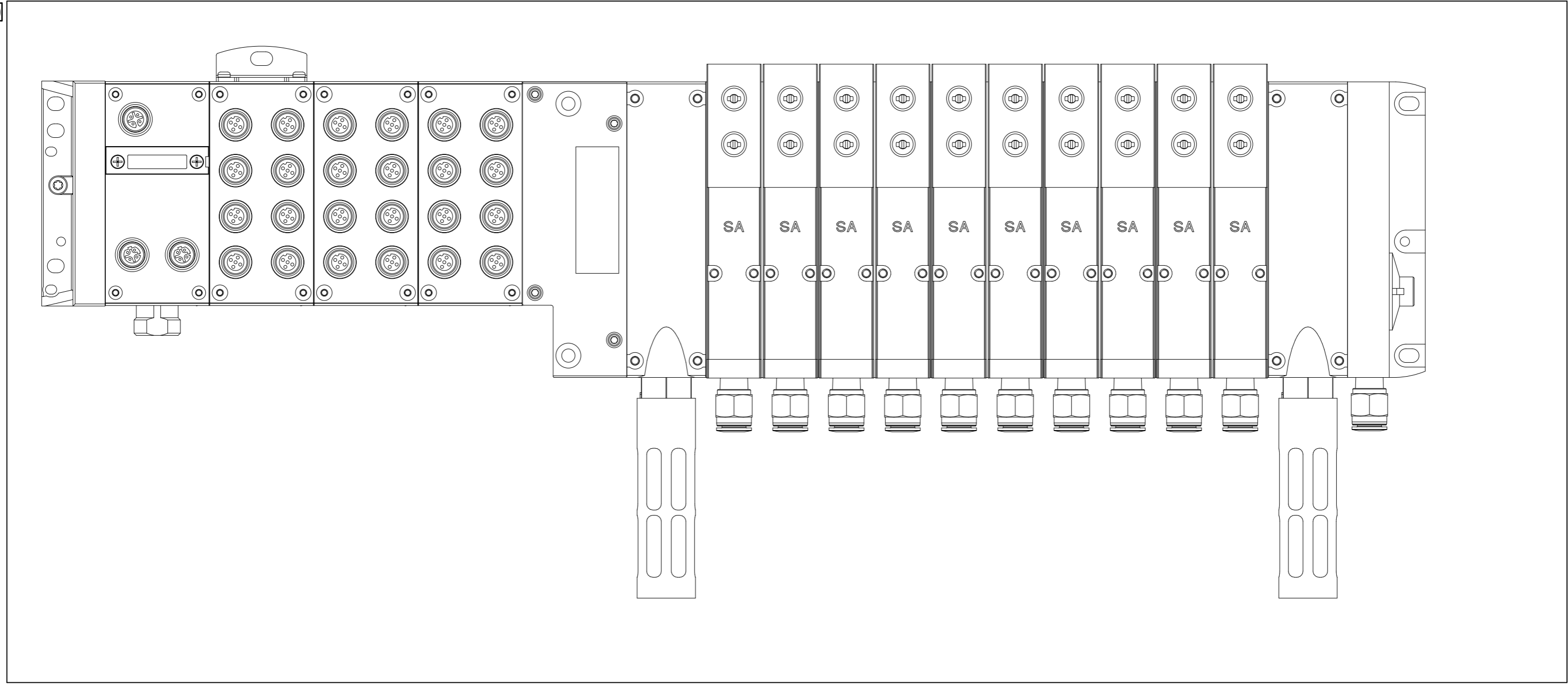
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-UQ25-QN24.2
Shot Pin 23
(SET)

=V1GL1UQ53KF1+.GL1UQ53/5

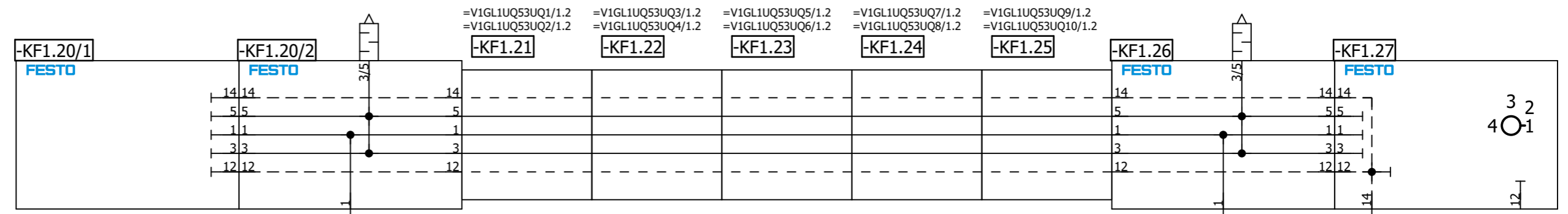
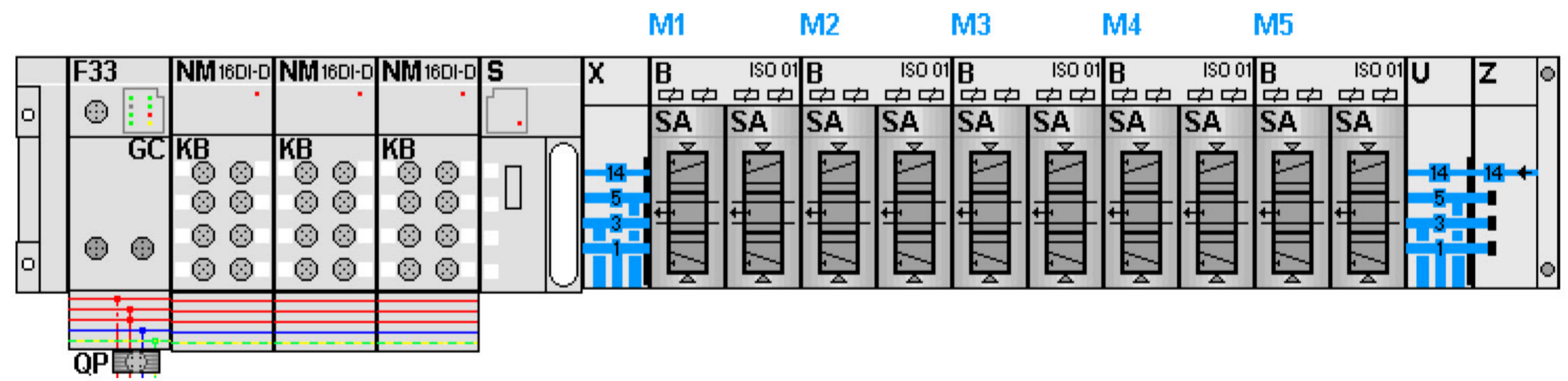
=V1GL1UQ52UQ24/1			Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Clamp 25	Drawing name:	= V1GL1UQ52UQ25
			Ed.	MKLEPADLO		Scale 1:1		Document type:	MFS
			Appr.					Project nr:	22-16150
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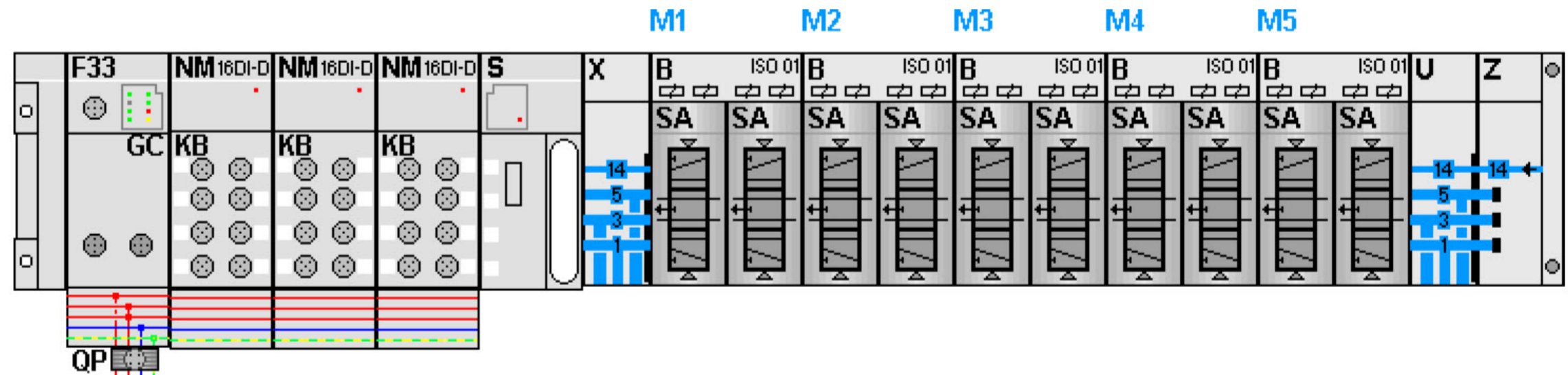


KF1.0

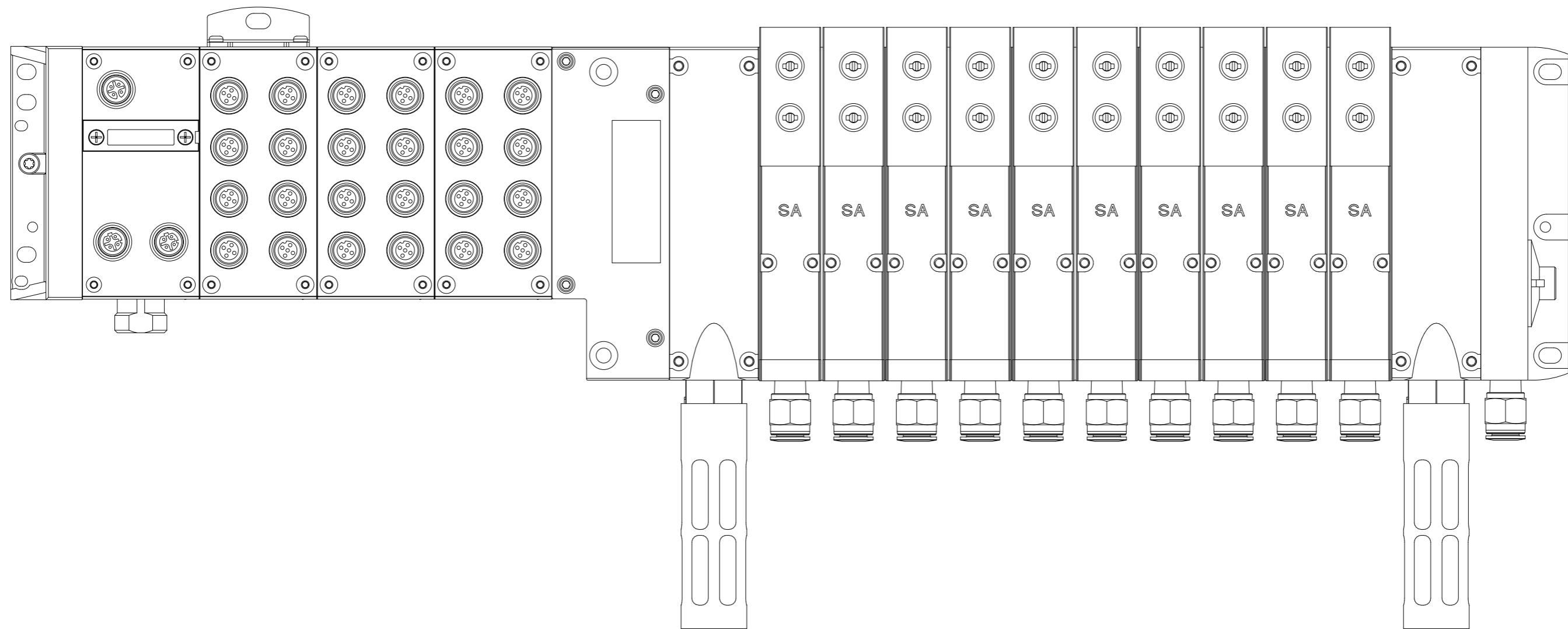


=V1GL1UQ52UQ25+.GL1UQ52/1



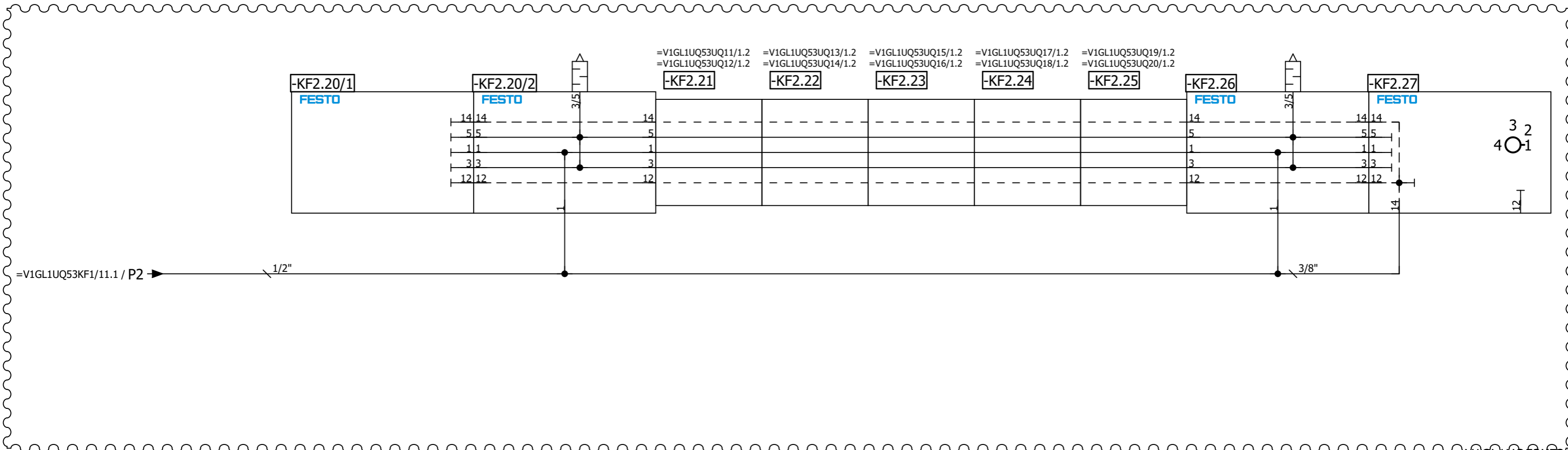



KF2.0

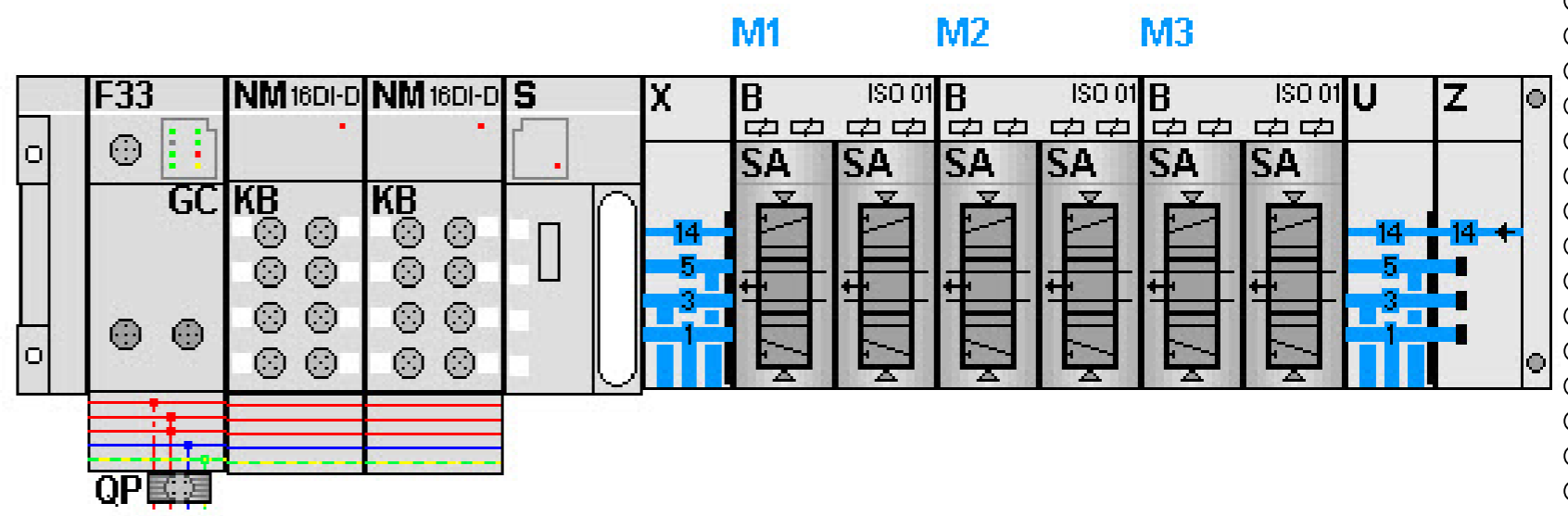


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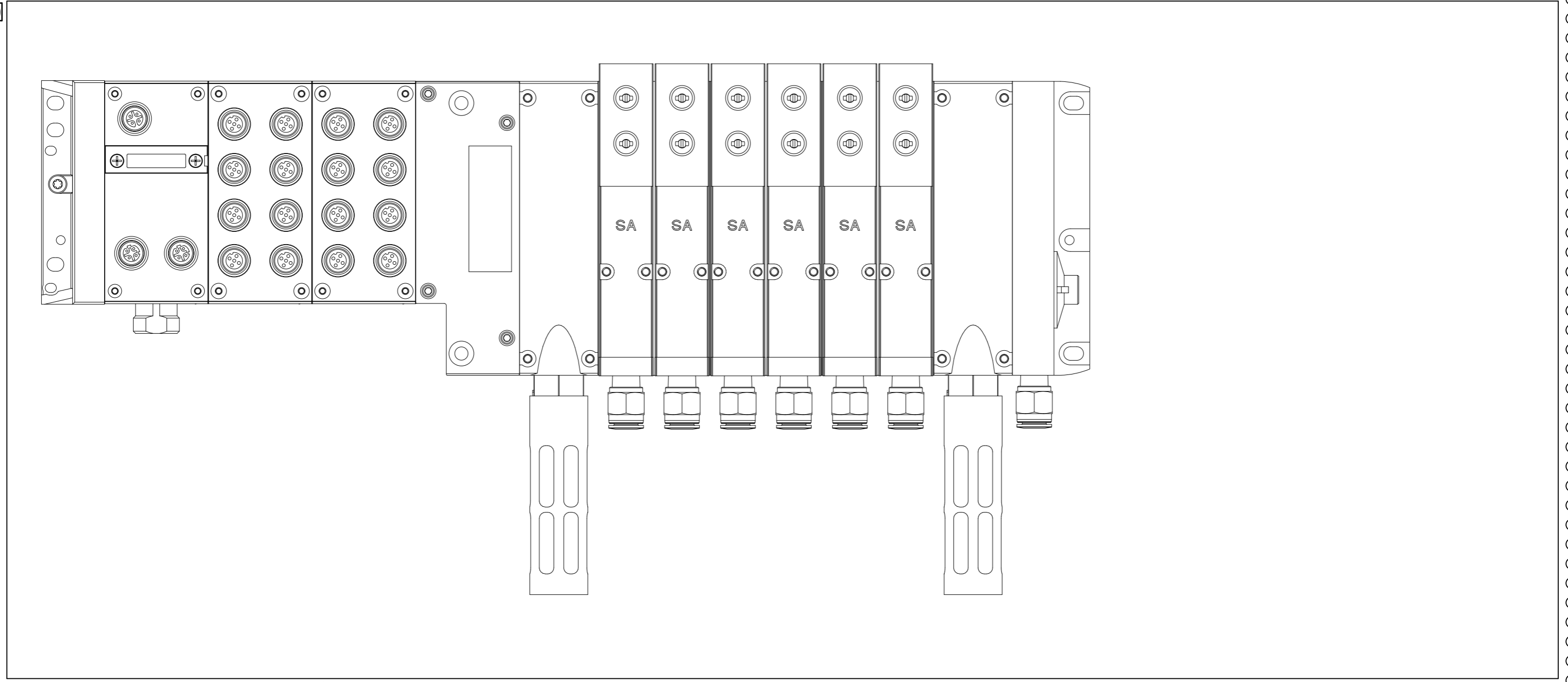
Date		1/10/2023	Volvo Trucks North America		Valiant TMS		AIR SUPPLY CONFIGURATION		Drawing name:		= V1GL1UQ53KF2	
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				=2V10&MFS-PNEU		+ V1GL1UQ53	
Appr			Replacement of		Replaced by				Document type:		Project nr:	
Original									MFS		22-16150	
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											5	
											420	



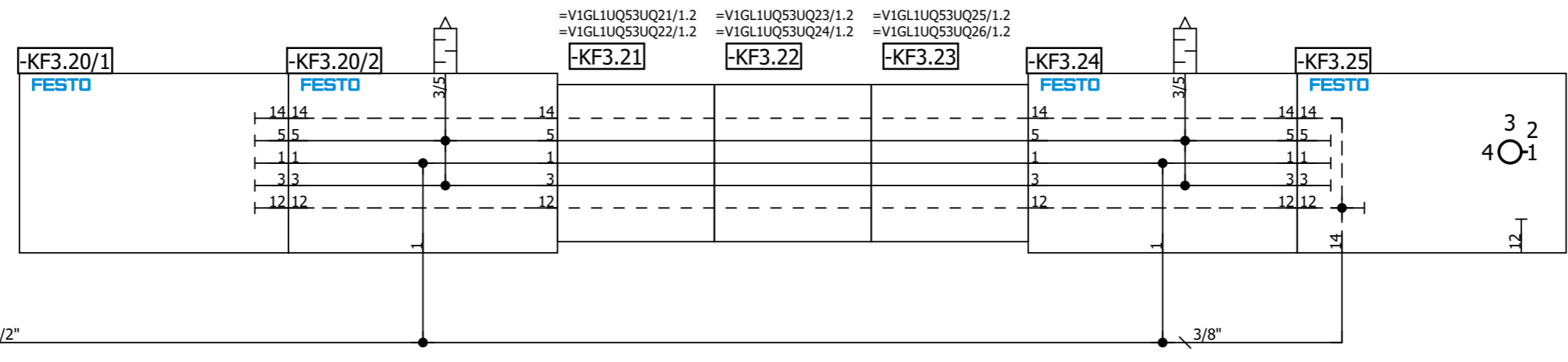
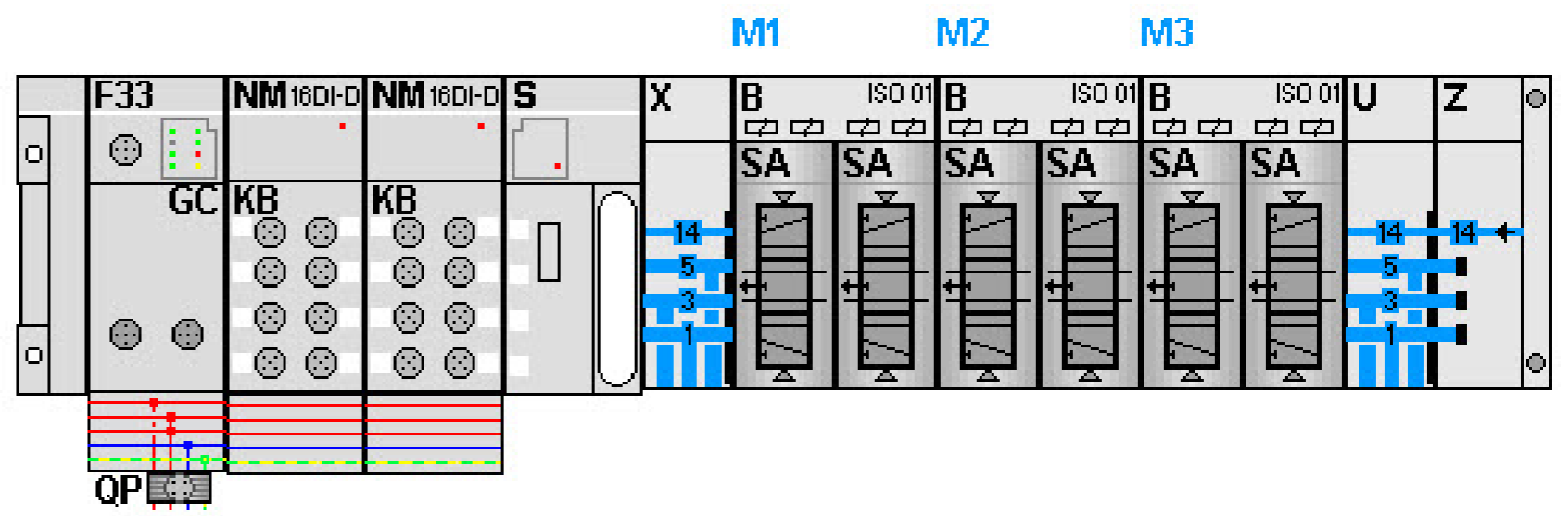
		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	AIR SUPPLY	Drawing name: =2V10&MFS-PNEU		= V1GL1UQ53KF2 + V1GL1UQ53	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			Scale 1:1		Document type: MFS	Project nr: 22-16150	Page	11
Modification	Date	Name	Original	Replacement of	Replaced by							420

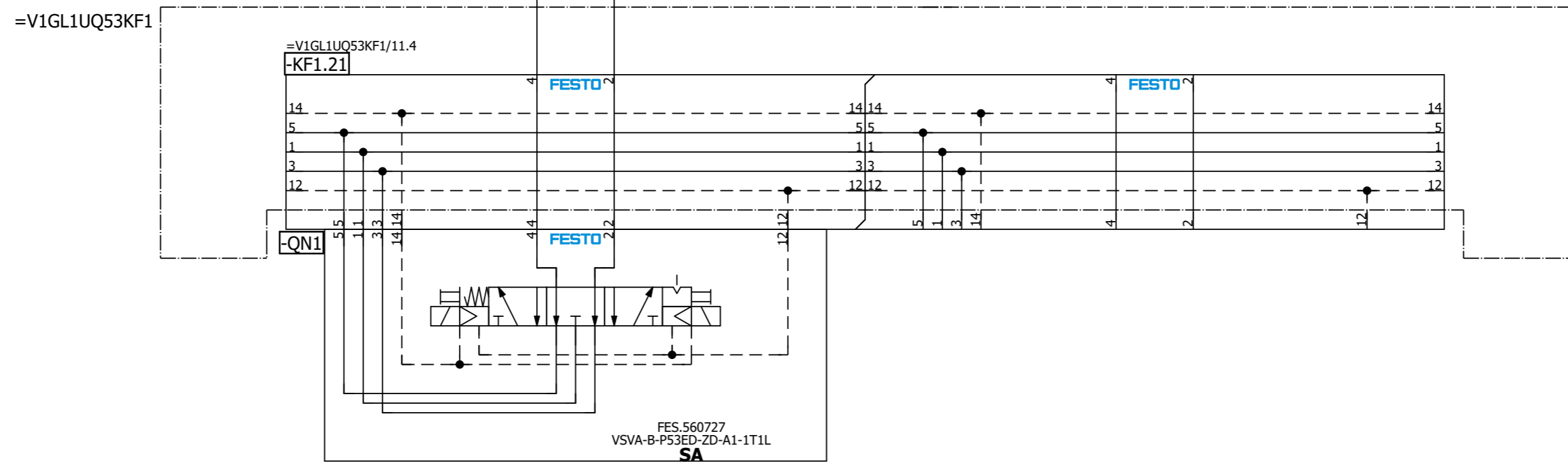
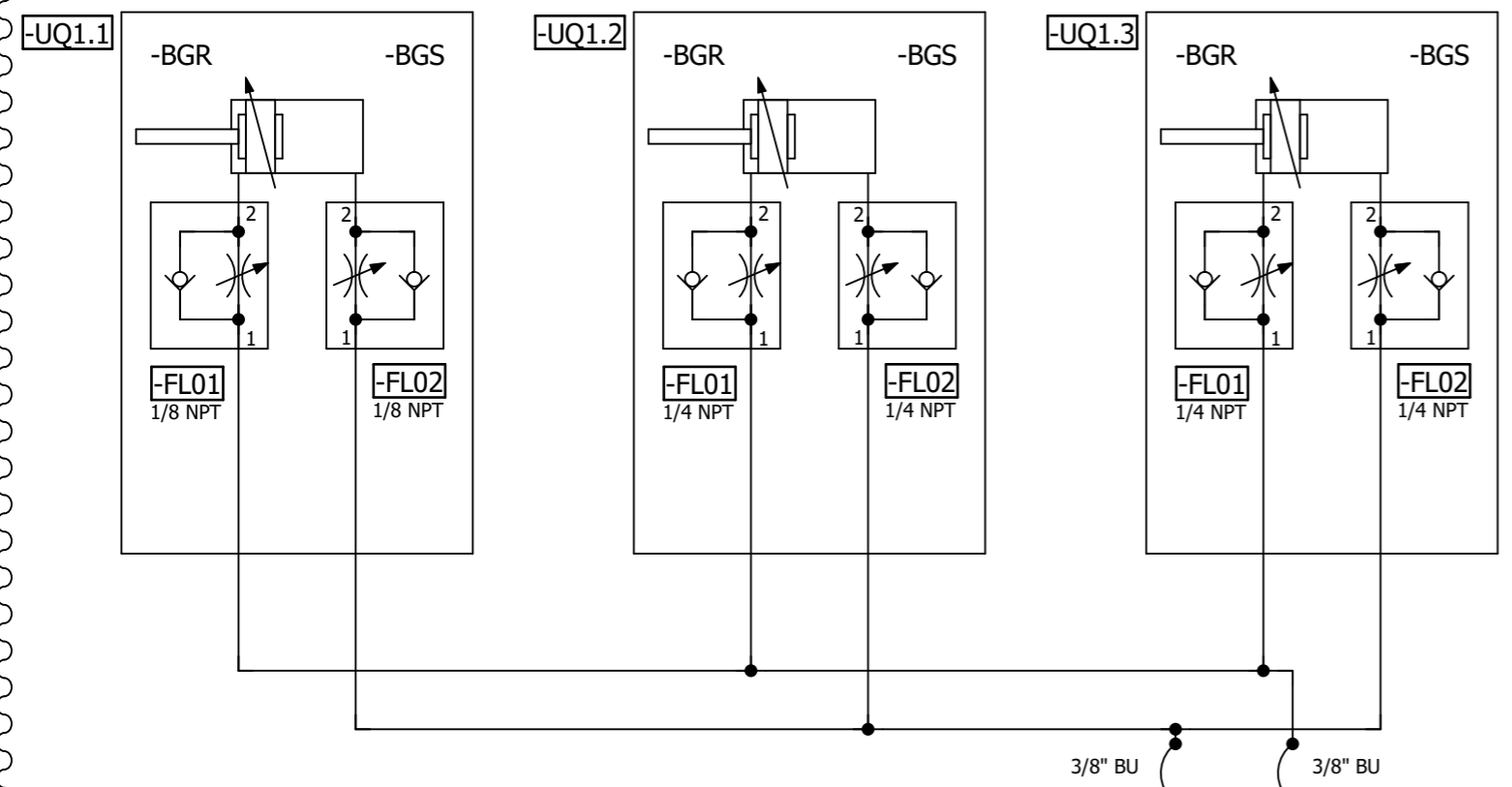


KF3.0



=V1GL1UQ53KF2/11

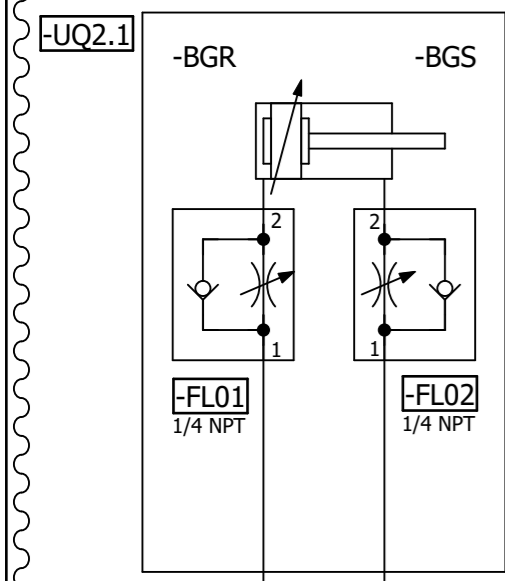




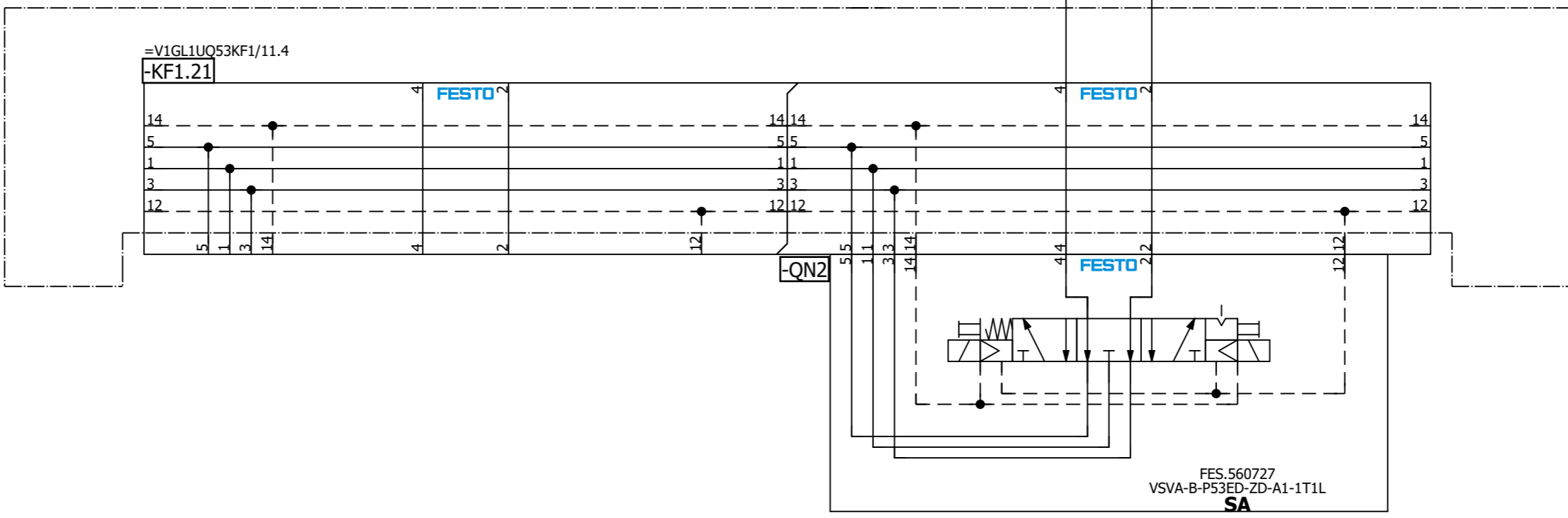
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-UQ1-QN1.1
Shot Pins 1
(RST)

=V1GL1UQ53
-UQ1-QN1.2
Shot Pins 1
(SET)

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pins 1	Drawing name:	= V1GL1UQ53UQ1
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU	= V1GL1UQ53
			Appr		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:
Modification	Date	Name	Original						MFS	22-16150
									Page	1
										420



=V1GL1UQ53KF1



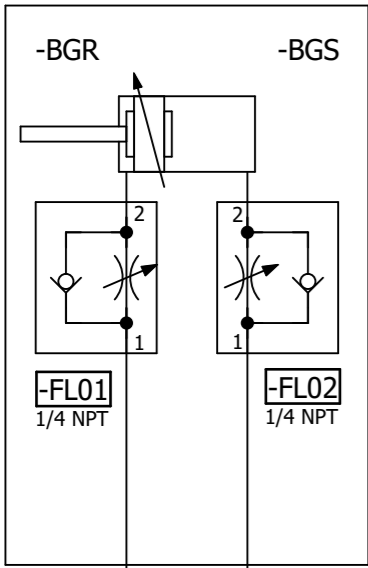
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-UQ2-QN2.1
Shot Pin 2
(RST)

=V1GL1UQ53
-UQ2-QN2.2
Shot Pin 2
(SET)

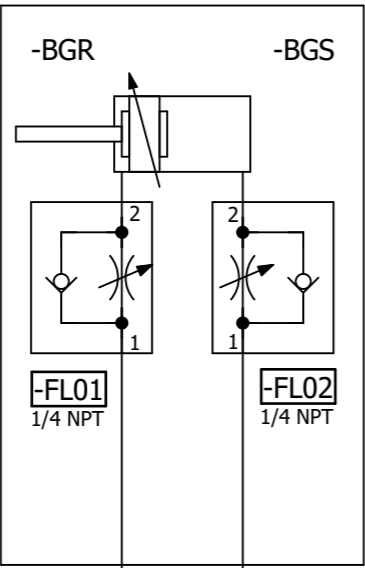
=V1GL1UQ53UQ1/1

=V1GL1UQ53UQ3/1

-UQ3.1

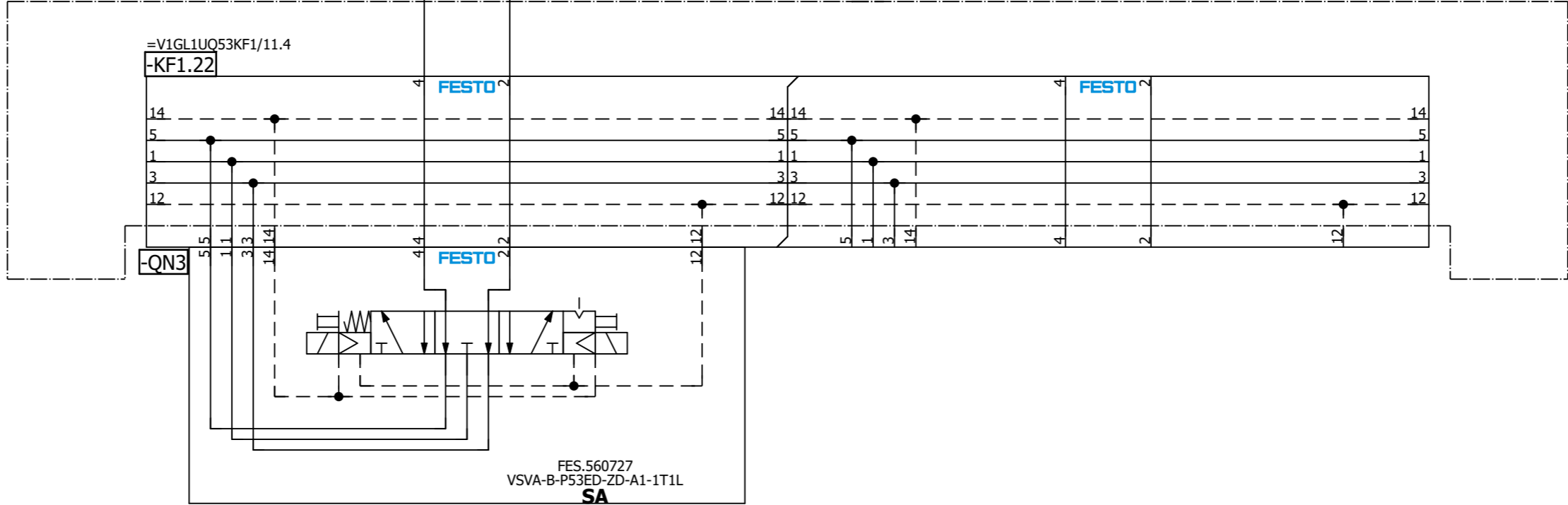


-UQ3.2



3/8" BU 3/8" BU

=V1GL1UQ53KF1

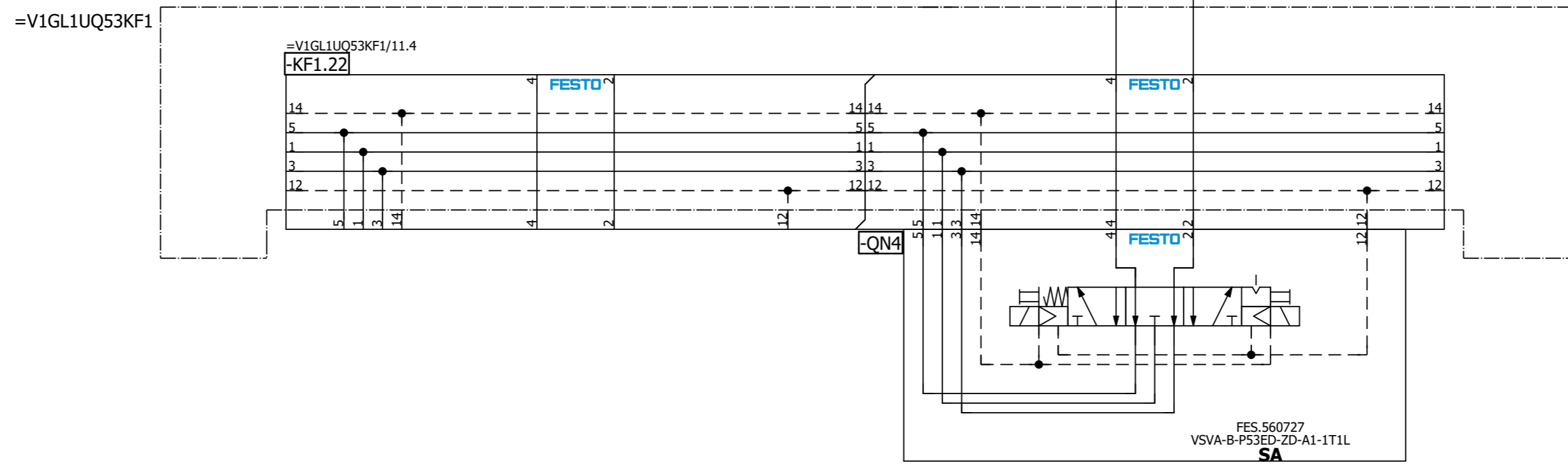
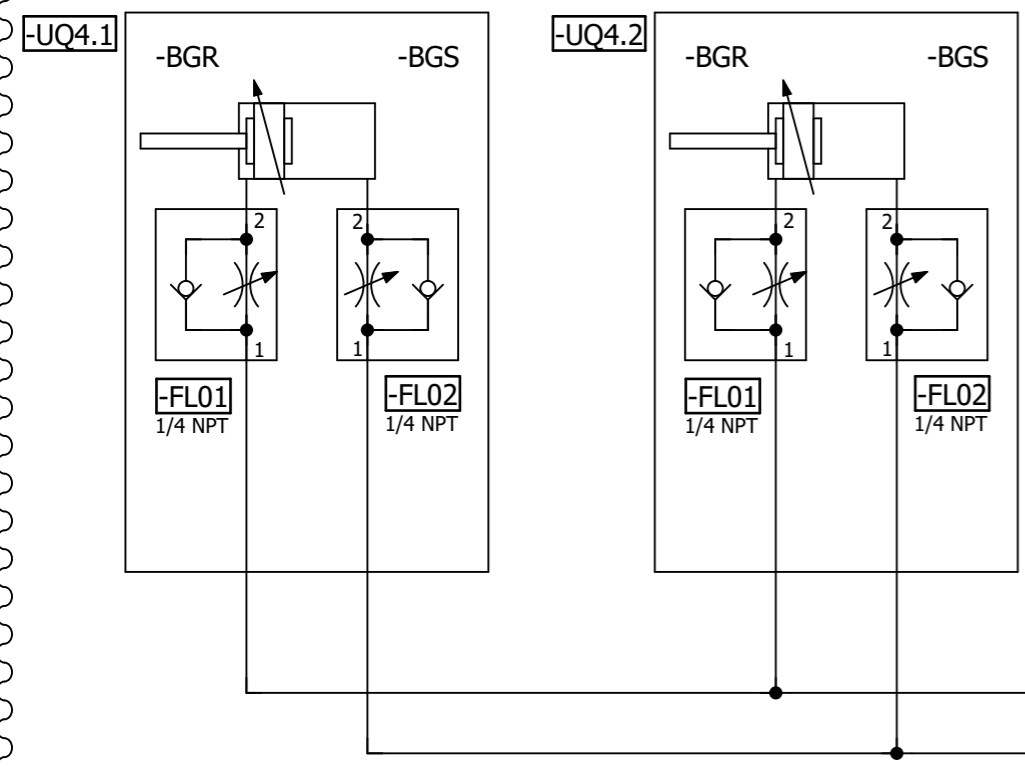


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-UQ3-QN3.1
Shot Pins 3
(RST)

=V1GL1UQ53
-UQ3-QN3.2
Shot Pins 3
(SET)

=V1GL1UQ53UQ2/1 =V1GL1UQ53UQ4/1

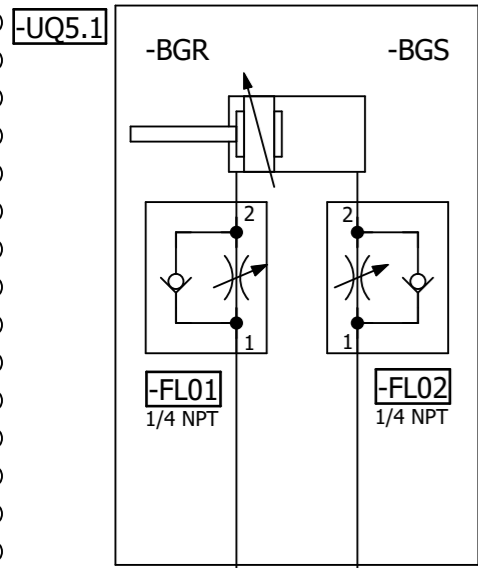
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		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
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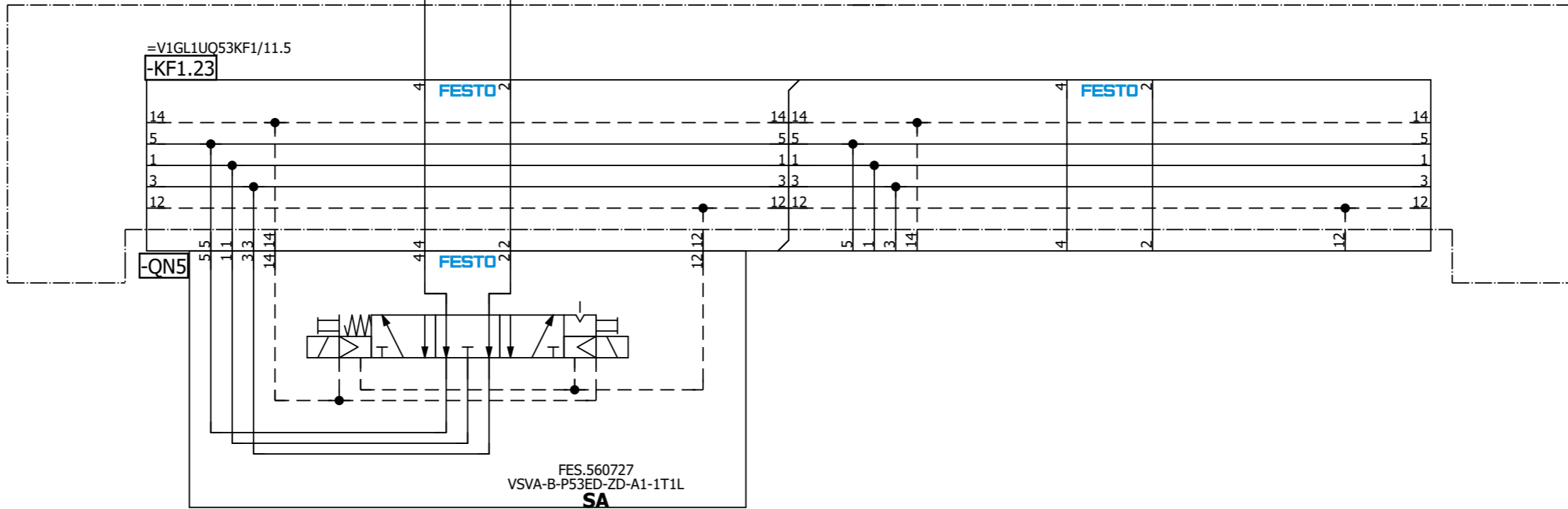
=V1GL1UQ53
-UQ4-QN4.1
Shot Pins 4
(RST)

=V1GL1UQ53
-UQ4-QN4.2
Shot Pins 4
(SET)

Date: 1/10/2023		Volvo Trucks North America		Valiant TMS		Shot Pins 4		Drawing name: =V1GL1UQ53UQ4 + V1GL1UQ53	
Ed.: MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS	
Appr:		Replacement of		Replaced by		Project nr: 22-16150		Page 1	
Original								420	



=V1GL1UQ53KF1

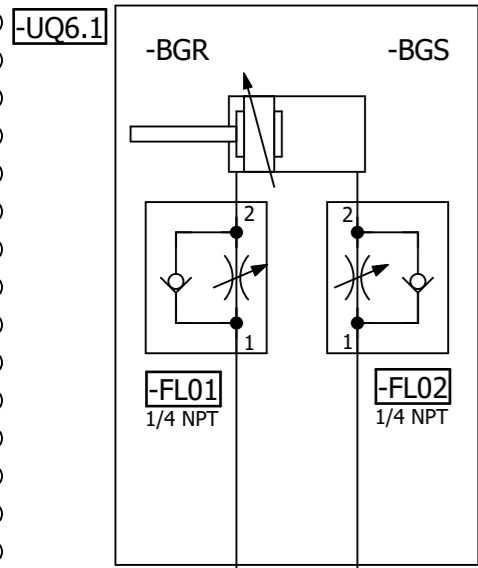


=V1GL1UQ53
-UQ5-QN5.1
Shot Pin 5
(RST)

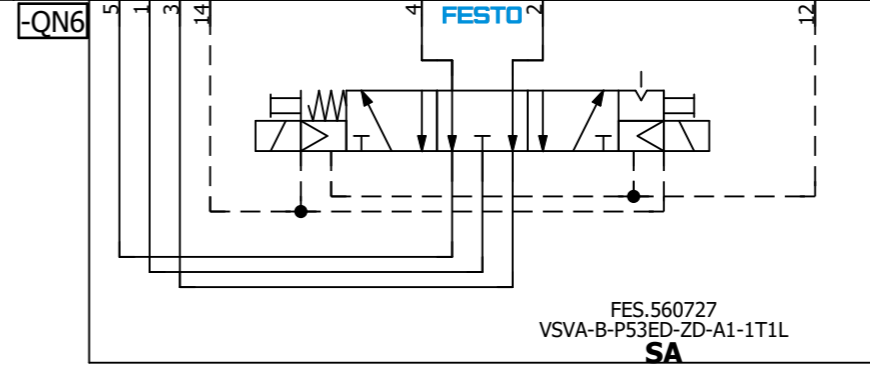
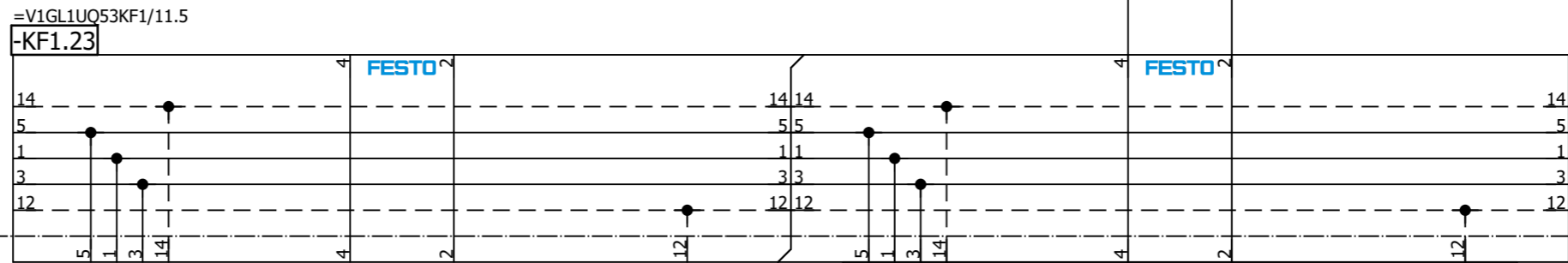
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-UQ5-QN5.2
Shot Pin 5
(SET)

=V1GL1UQ53UQ4/1 =V1GL1UQ53UQ6/1

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS		Shot Pin 5		Drawing name: =2V10&MFS-PNEU		= V1GL1UQ53UQ5 + V1GL1UQ53	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			Scale 1:1				Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original	Replacement of	Replaced by									420



=V1GL1UQ53KF1

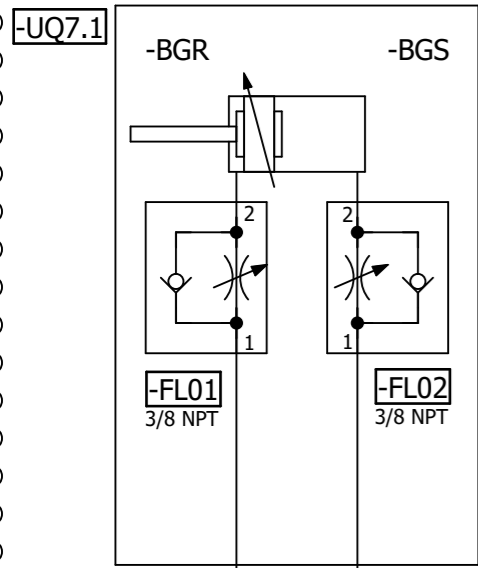


=V1GL1UQ53
-UQ6-QN6.1
Shot Pin 6
(RST)

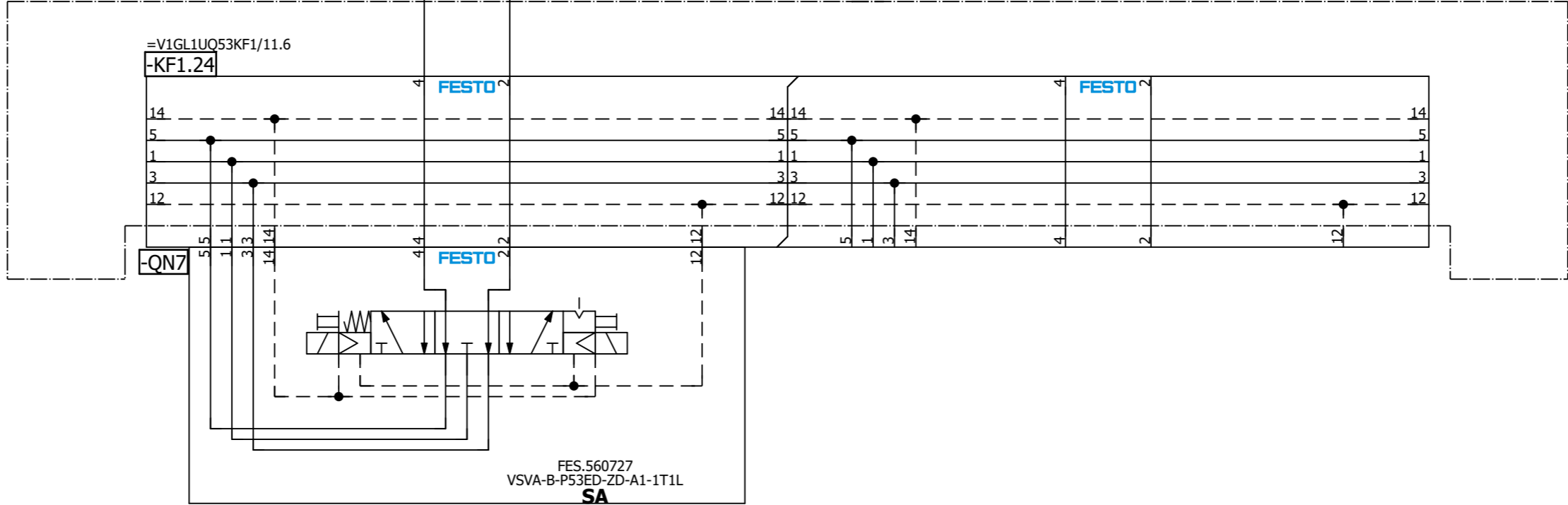
=V1GL1UQ53
-UQ6-QN6.2
Shot Pin 6
(SET)

=V1GL1UQ53UQ5/1 =V1GL1UQ53UQ7/1

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	Shot Pin 6	Drawing name: =2V10&MFS-PNEU		= V1GL1UQ53UQ6 + V1GL1UQ53	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10						Document type: MFS	Project nr: 22-16150	Page
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1					420



=V1GL1UQ53KF1

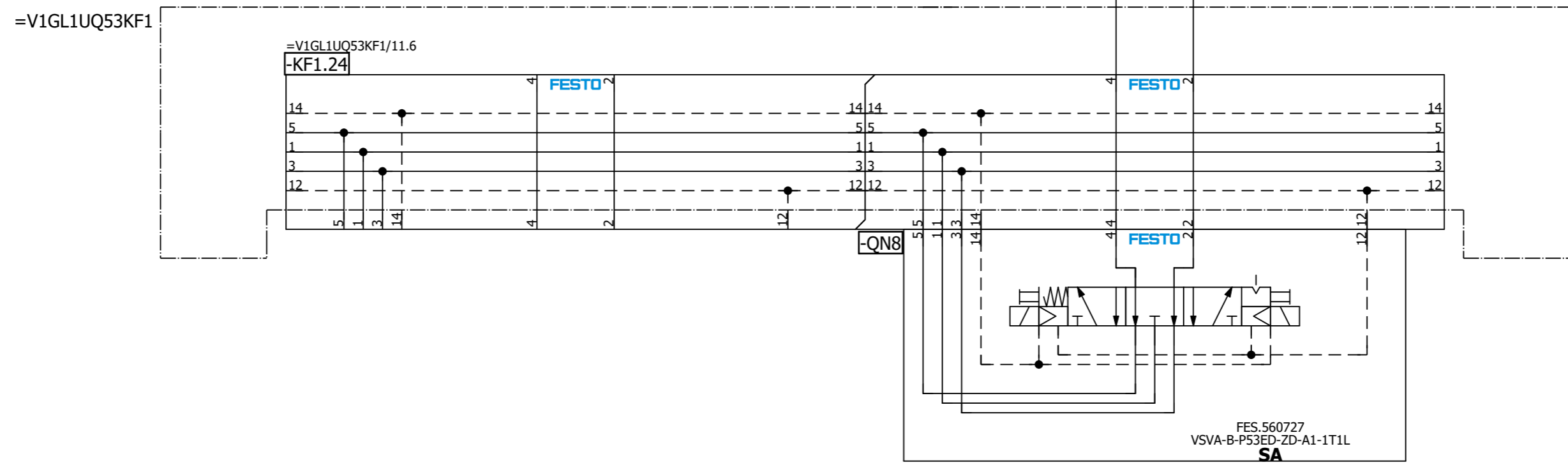
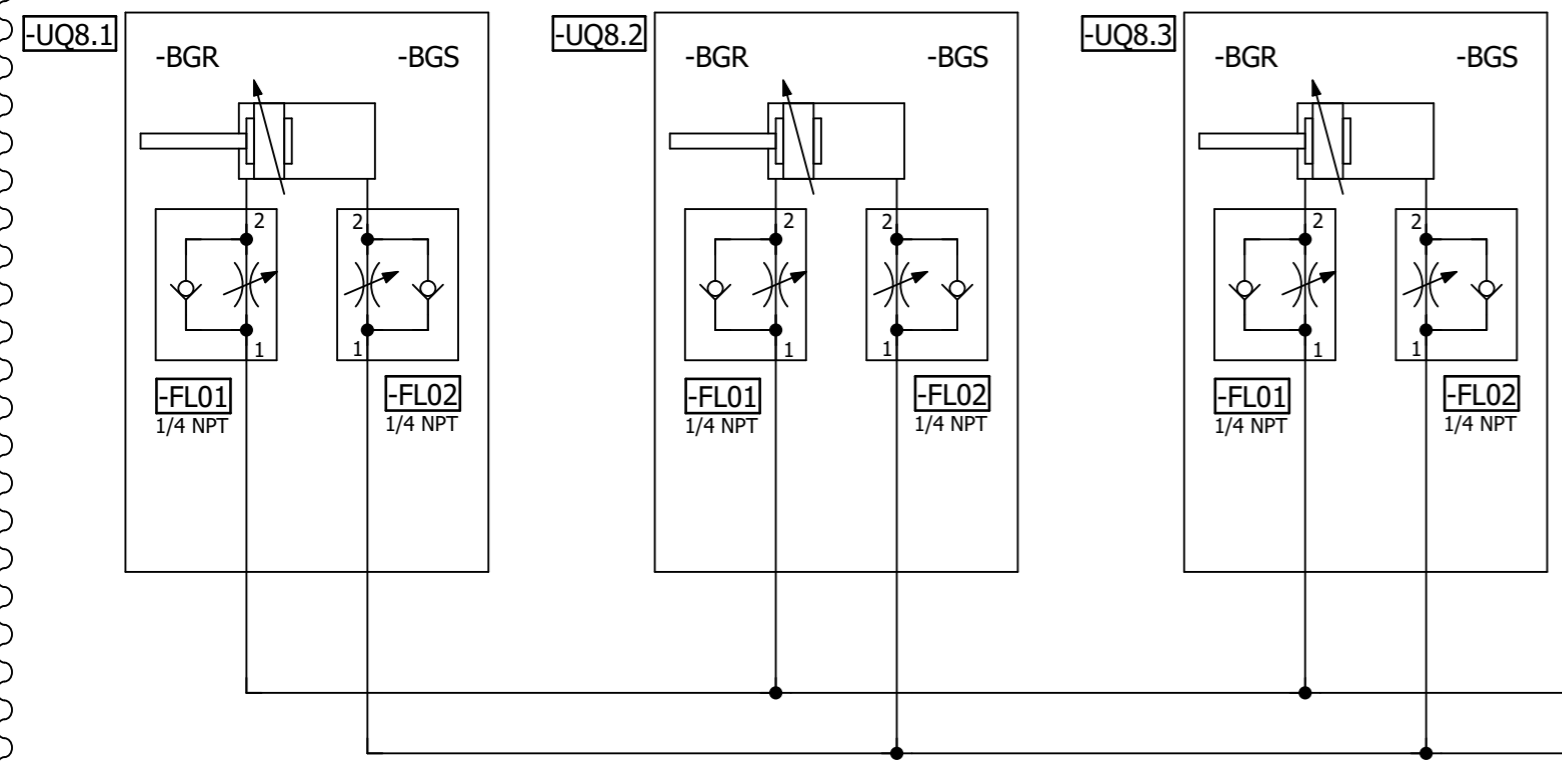


=V1GL1UQ53
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Shot Pin 7
(RST)

=V1GL1UQ53
-UQ7-QN7.2
Shot Pin 7
(SET)

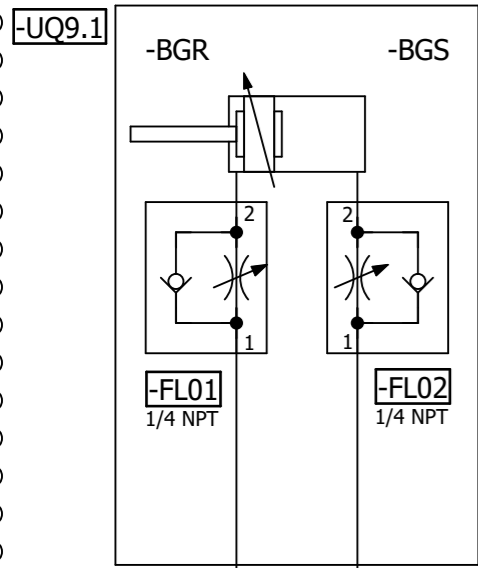
=V1GL1UQ53UQ6/1 =V1GL1UQ53UQ8/1

		Date	1/10/2023	Volvo Trucks North America		Valiant TMS		Shot Pin 7		Drawing name: =2V10&MFS-PNEU		= V1GL1UQ53UQ7 + V1GL1UQ53	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
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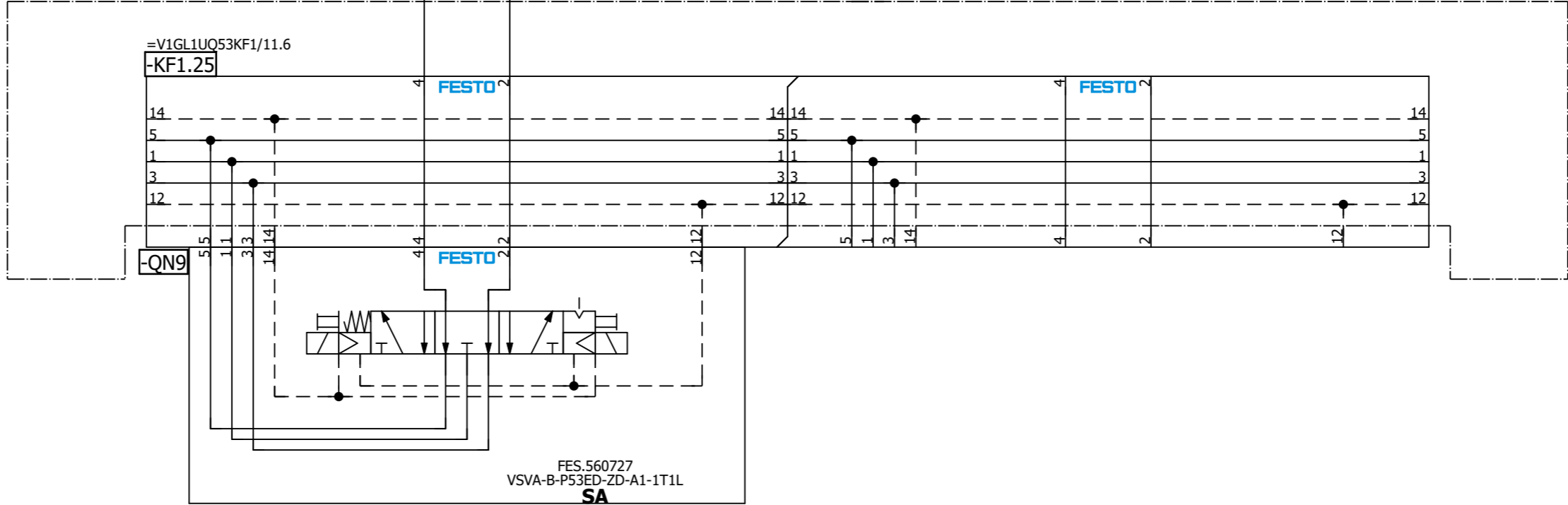


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-UQ8-QN8.1
Shot Pins 8
(RST)

=V1GL1UQ53
-UQ8-QN8.2
Shot Pins 8
(SET)



=V1GL1UQ53KF1

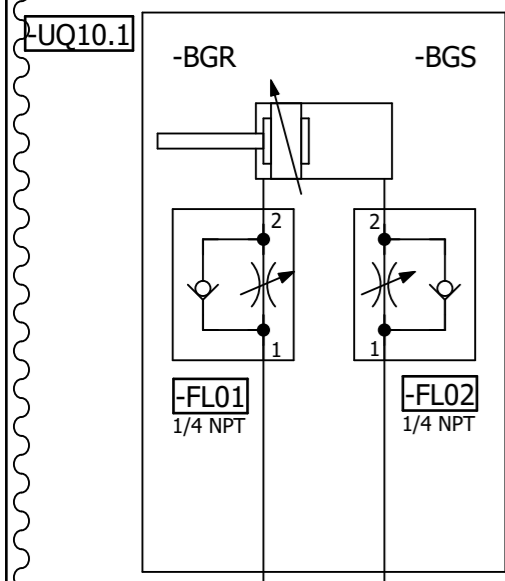


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-UQ9-QN9.1
Shot Pin 9
(RST)

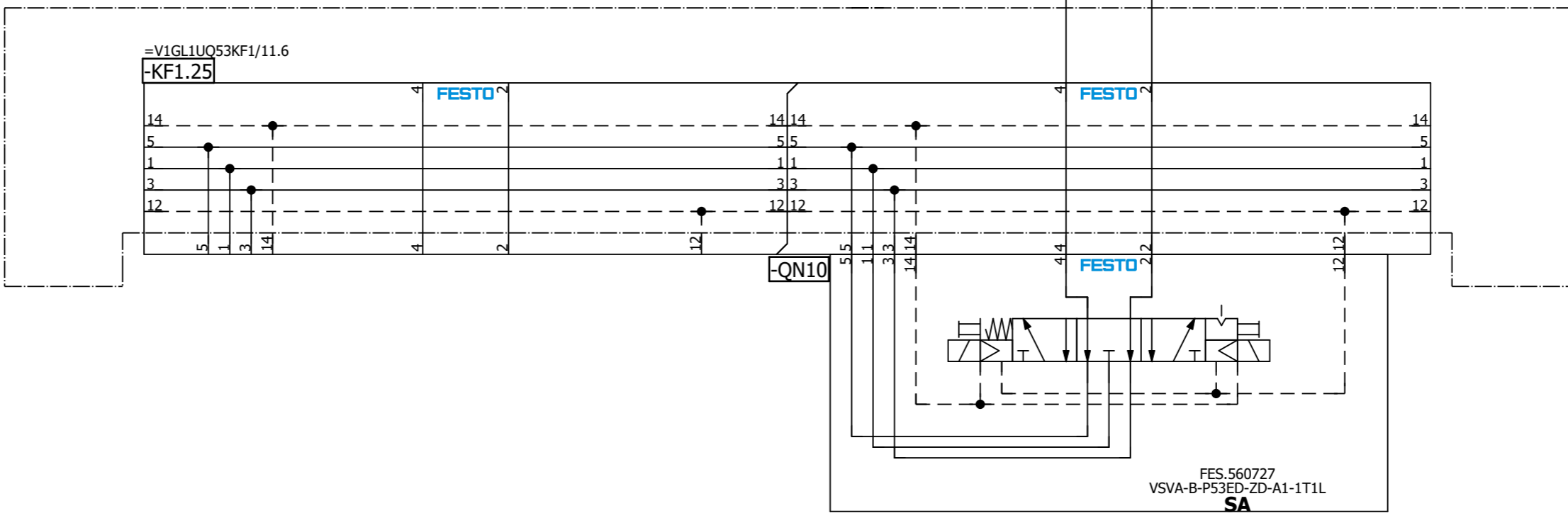
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-UQ9-QN9.2
Shot Pin 9
(SET)

=V1GL1UQ53UQ8/1 =V1GL1UQ53UQ10/1

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS		Shot Pin 9		Drawing name: =2V10&MFS-PNEU		= V1GL1UQ53UQ9 + V1GL1UQ53	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			Scale 1:1				Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original	Replacement of	Replaced by									420



=V1GL1UQ53KF1

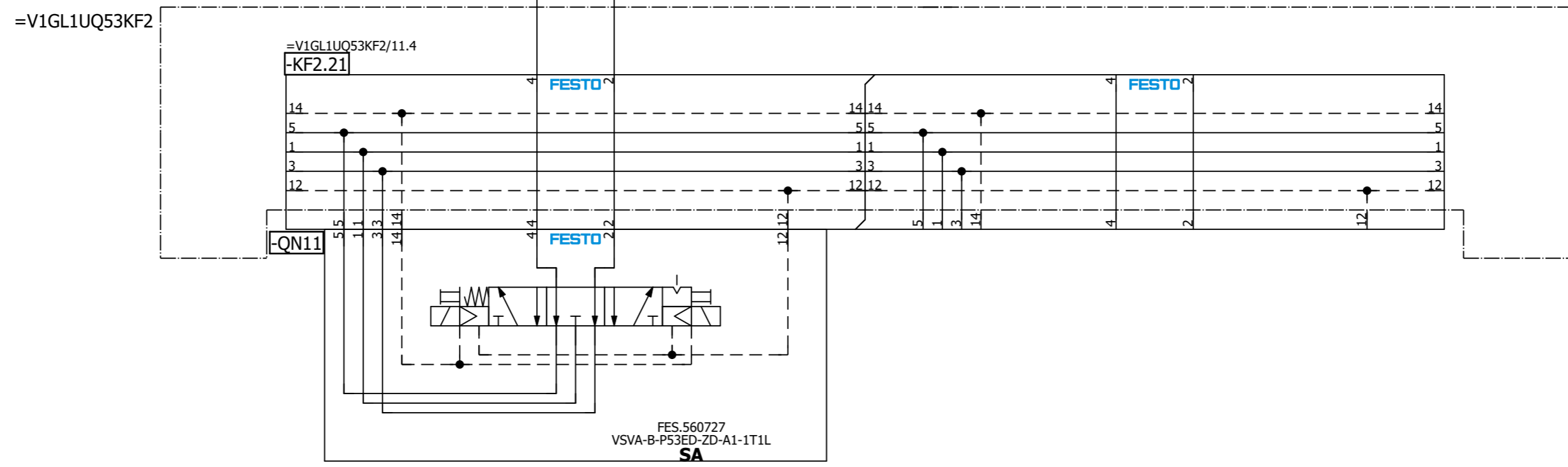
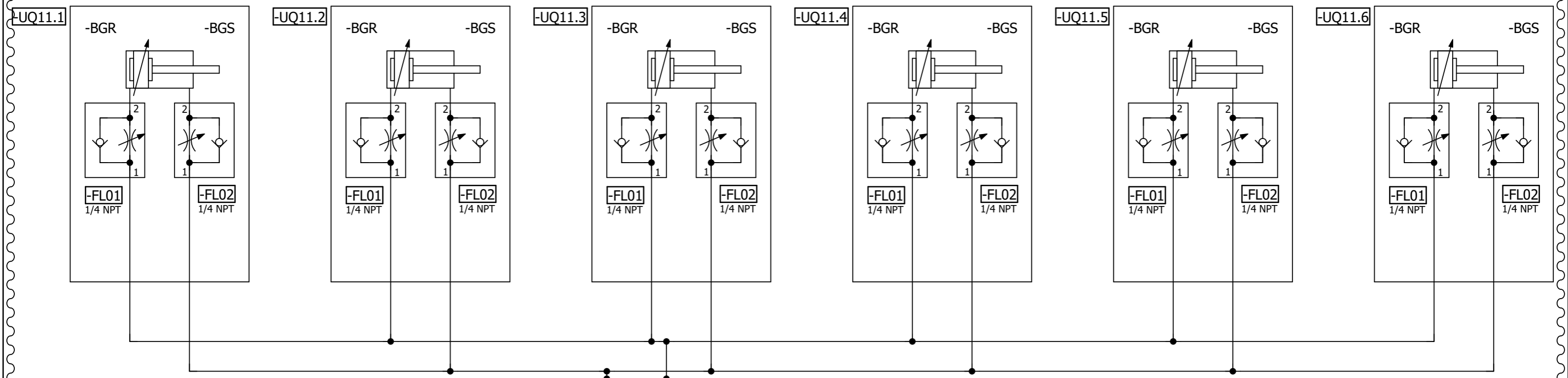


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-UQ10-QN10.1
Shot Pin 10
(RST)

=V1GL1UQ53
-UQ10-QN10.2
Shot Pin 10
(SET)

=V1GL1UQ53UQ9/1

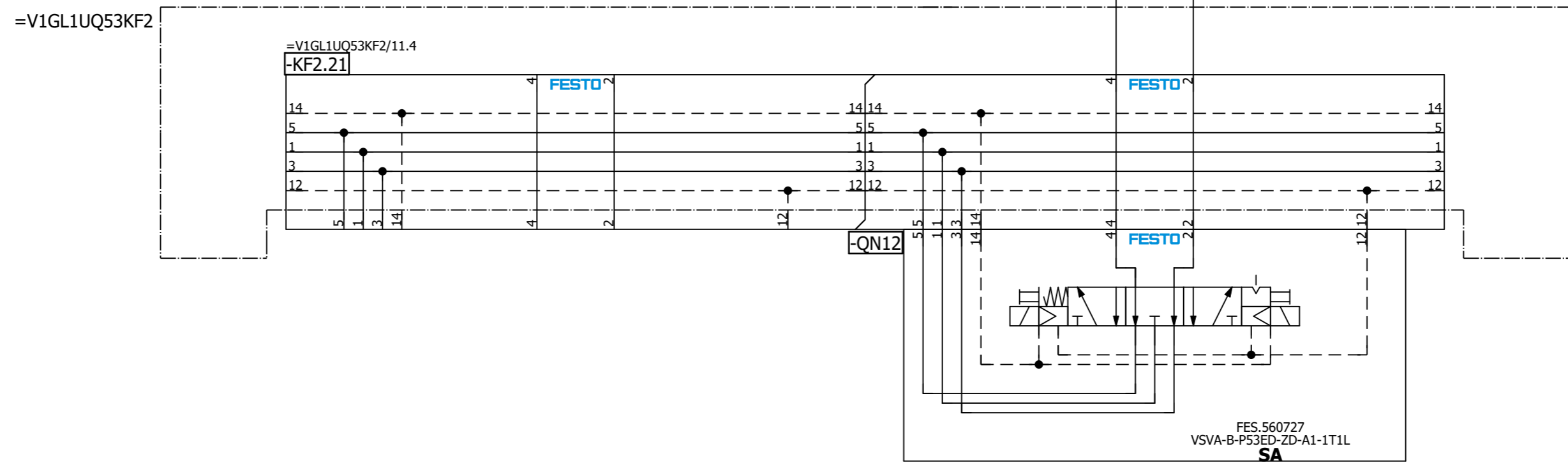
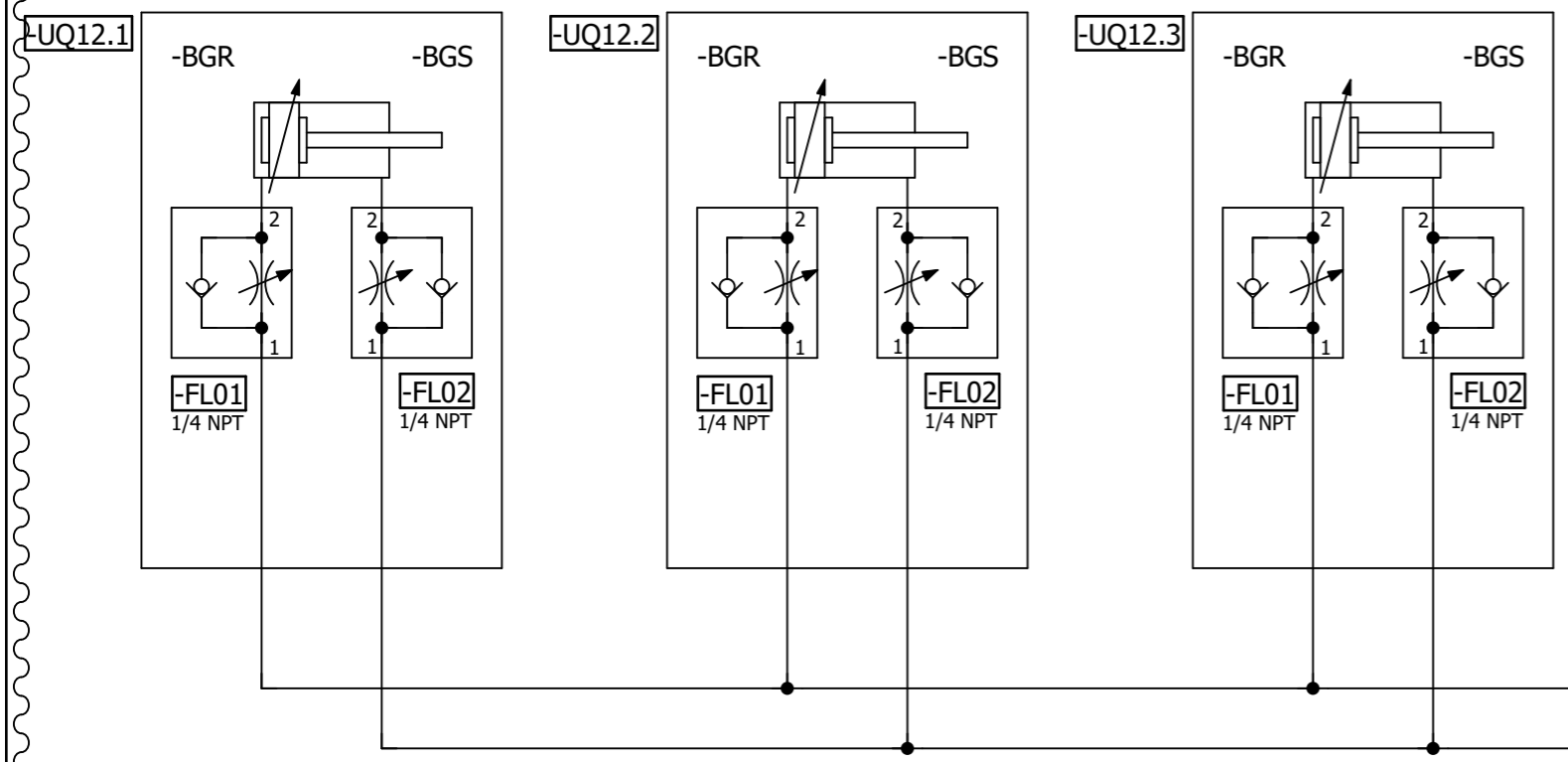
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-UQ11-QN11.1
Clamps 11
(RST)

=V1GL1UQ53
-UQ11-QN11.2
Clamps 11
(SET)

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS		Clamps 11		Drawing name: =2V10&MFS-PNEU		= V1GL1UQ53UQ11 + V1GL1UQ53	
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original		Replacement of	Replaced by							Page	1
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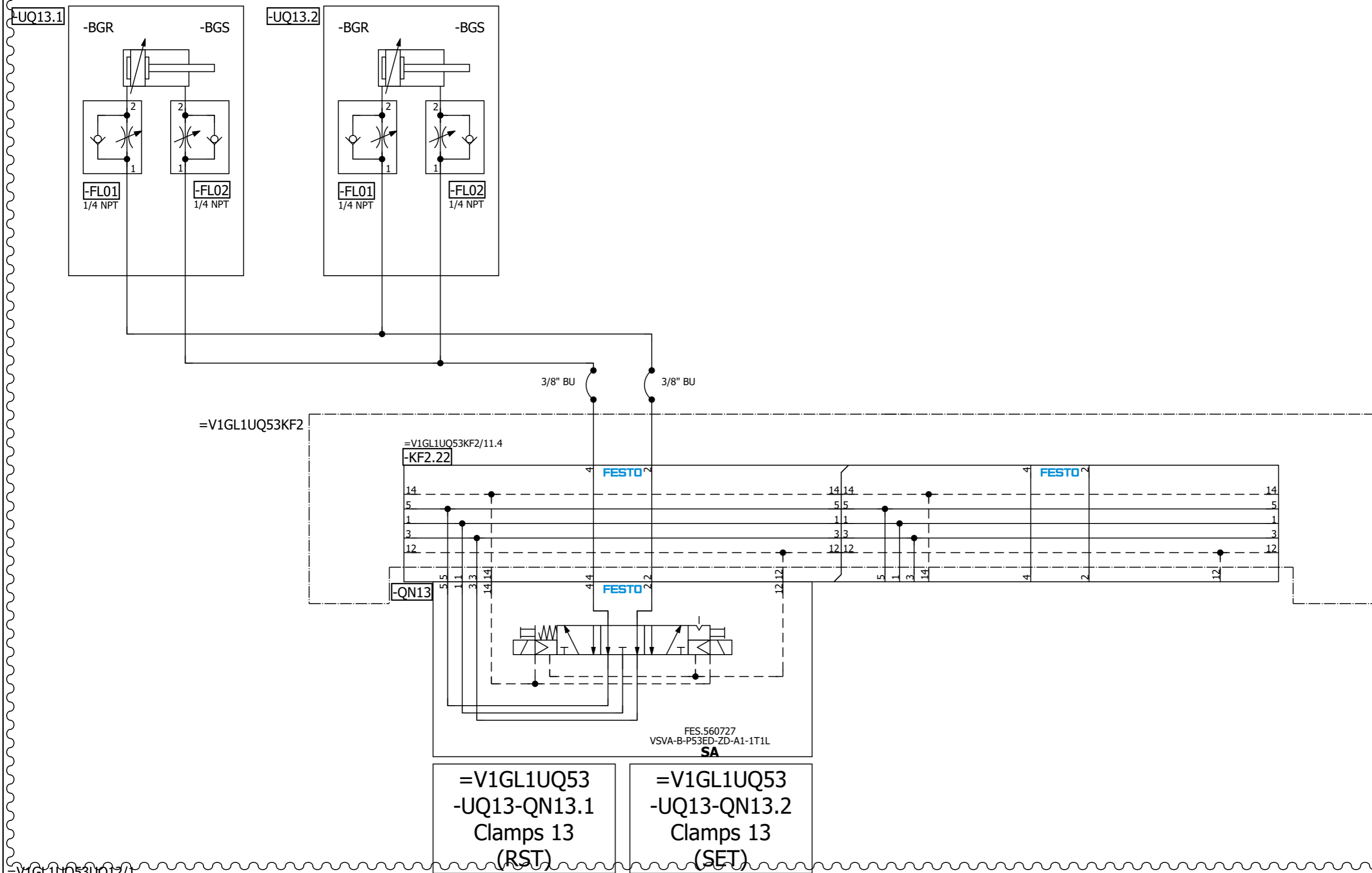
=V1GL1UQ53
-UQ12-QN12.1
Clamps 12
(RST)

=V1GL1UQ53
-UQ12-QN12.2
Clamps 12
(SET)

=V1GL1UQ53UQ11/1

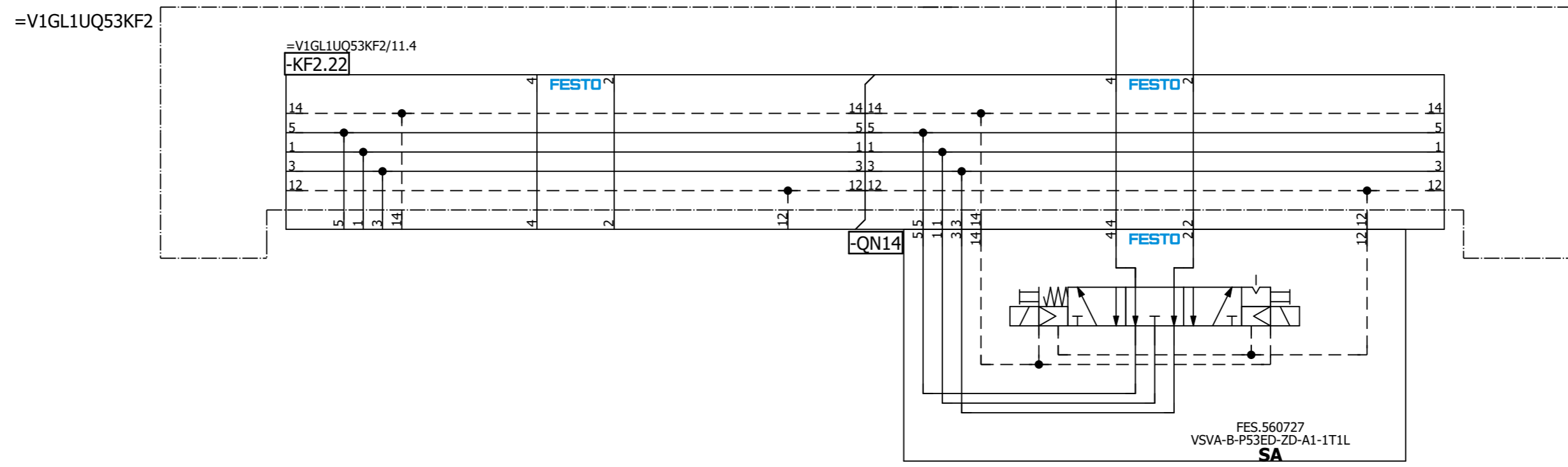
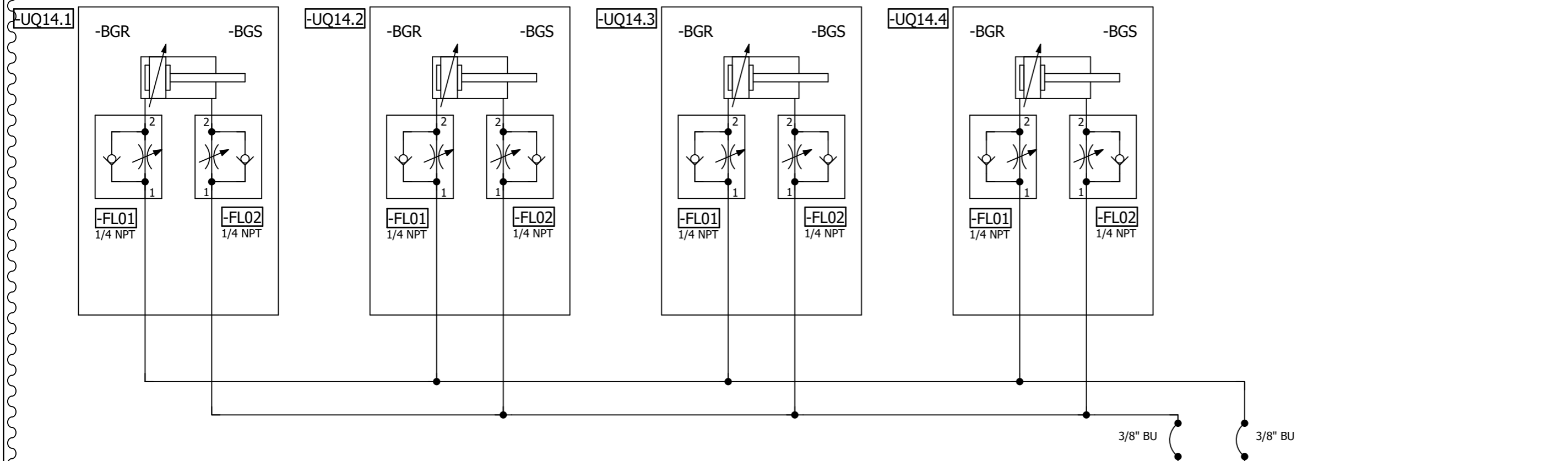
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Date: 1/10/2023		Volvo Trucks North America		Valiant TMS		Clamps 12		Drawing name: =V1GL1UQ53UQ12		= V1GL1UQ53UQ12	
Ed.: MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Appr:		Replacement of		Replaced by				Page: 1		420	
Original											



=V1GL1UQ53
-UQ13-QN13.1
Clamps 13
(RST)

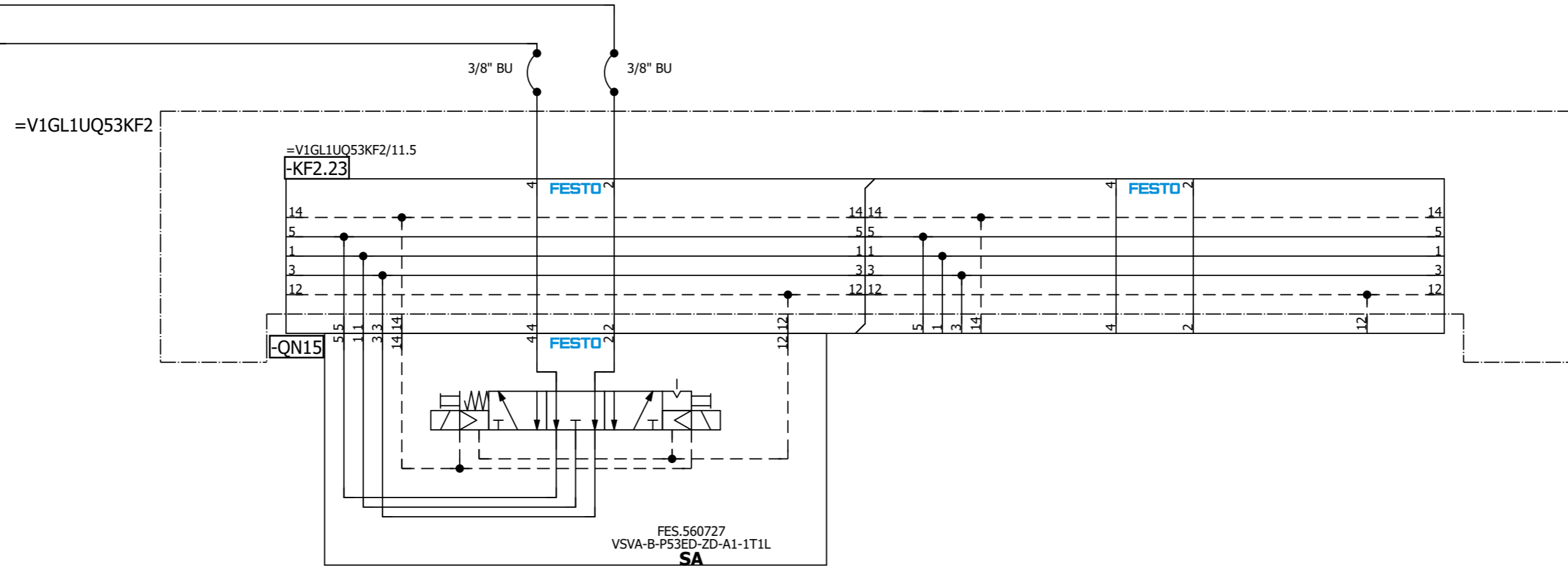
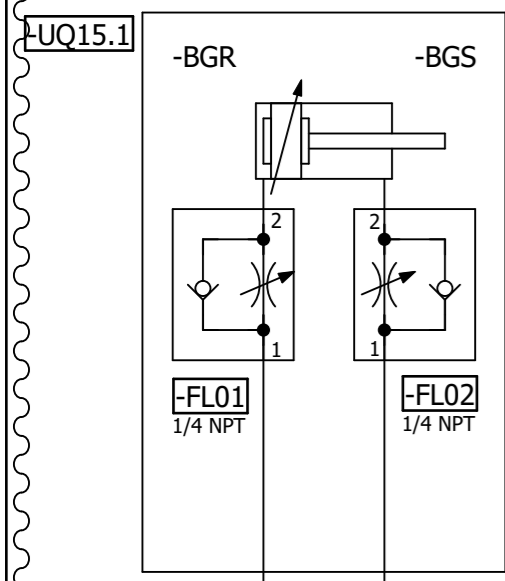
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-UQ13-QN13.2
Clamps 13
(SET)



=V1GL1UQ53
-UQ14-QN14.1
Clamps 14
(RST)

=V1GL1UQ53
-UQ14-QN14.2
Clamps 14
(SET)

Date: 1/10/2023		Volvo Trucks North America		Valiant TMS		Clamps 14		Drawing name: =V10&MFS-PNEU		= V1GL1UQ53UQ14	
Ed. MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		+ V1GL1UQ53	
Appr.		Replacement of		Replaced by				Project nr: 22-16150		Page 1	
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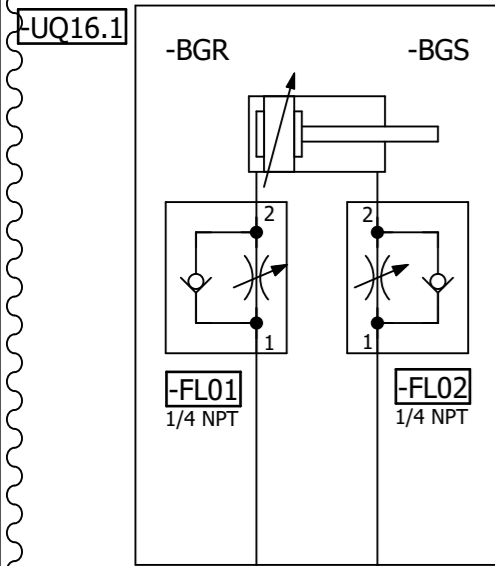
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-UQ15-QN15.1
Clamp 15
(RST)

=V1GL1UQ53
-UQ15-QN15.2
Clamp 15
(SET)

=V1GL1UQ53UQ14/1

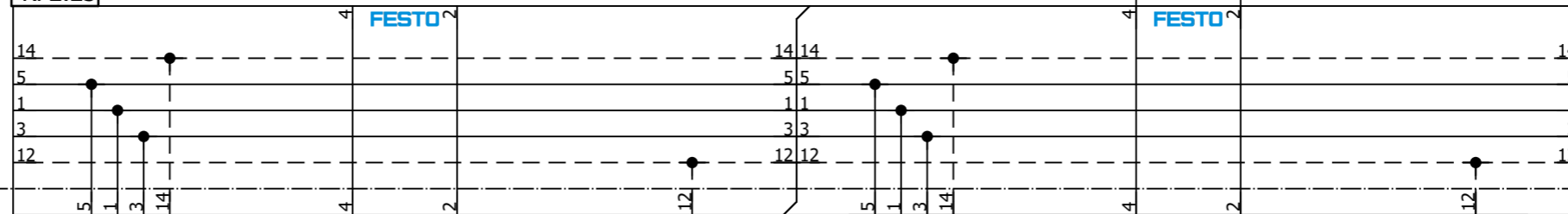
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			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 15	Drawing name:	= V1GL1UQ53UQ15	
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU	+ V1GL1UQ53	
Modification	Date	Name	Appr	Original	Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
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											420



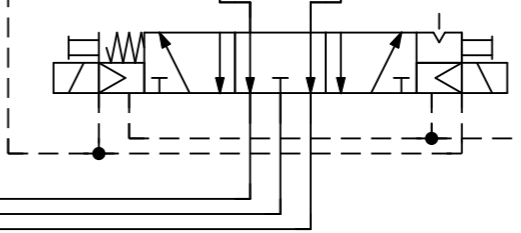
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=V1GL1UQ53KF2/11.5
-KF2.23



-QN16

FESTO




FES.560727
VSVA-B-P53ED-ZD-A1-1T1L
SA

=V1GL1UQ53
-UQ16-QN16.1
Clamp 16
(RST)

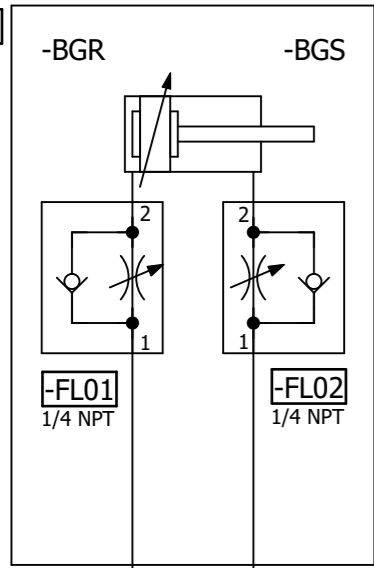
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Clamp 16
(SET)

=V1GL1UQ53UQ15/1

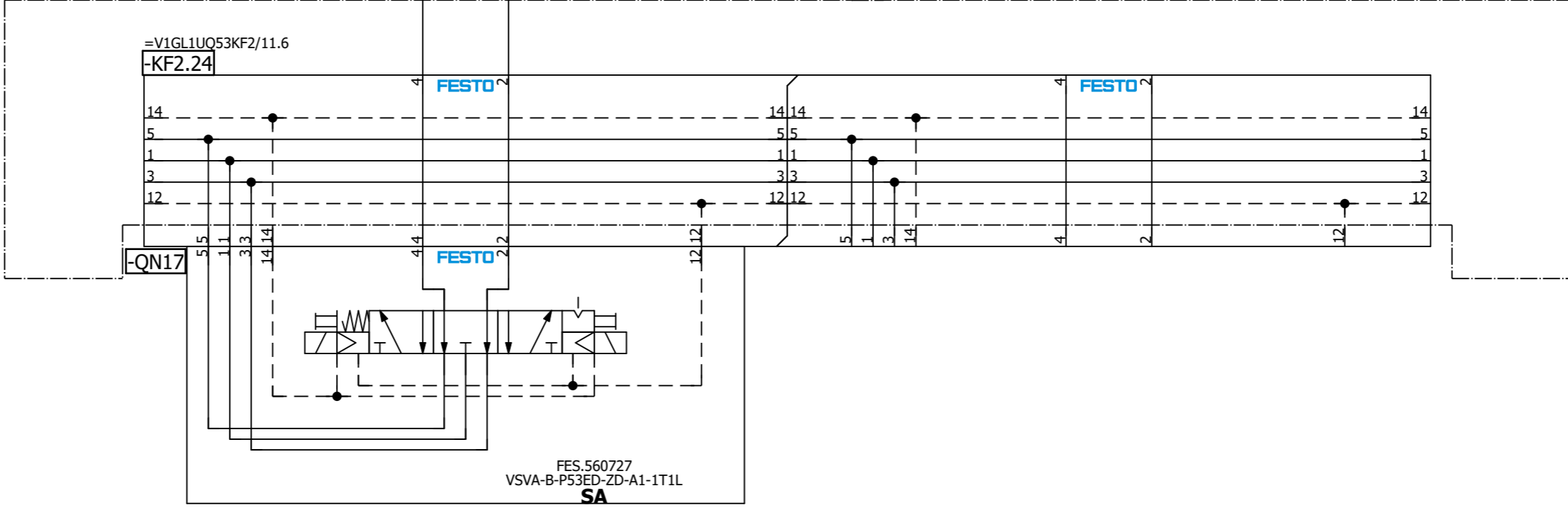
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Modification		Date	Name	Date	1/10/2023	MKLEPADLO	Volvo Trucks North America P6700 Bodyside RH - Robot Cell 2V10 Replacement of	 Valiant TMS Scale 1:1	Clamp 16	Drawing name: =2V10&MFS-PNEU		= V1GL1UQ53UQ16 + V1GL1UQ53	
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Date		Name	Original	Appr	Document type:	MFS				Page	420		

-UQ17.1



=V1GL1UQ53KF2



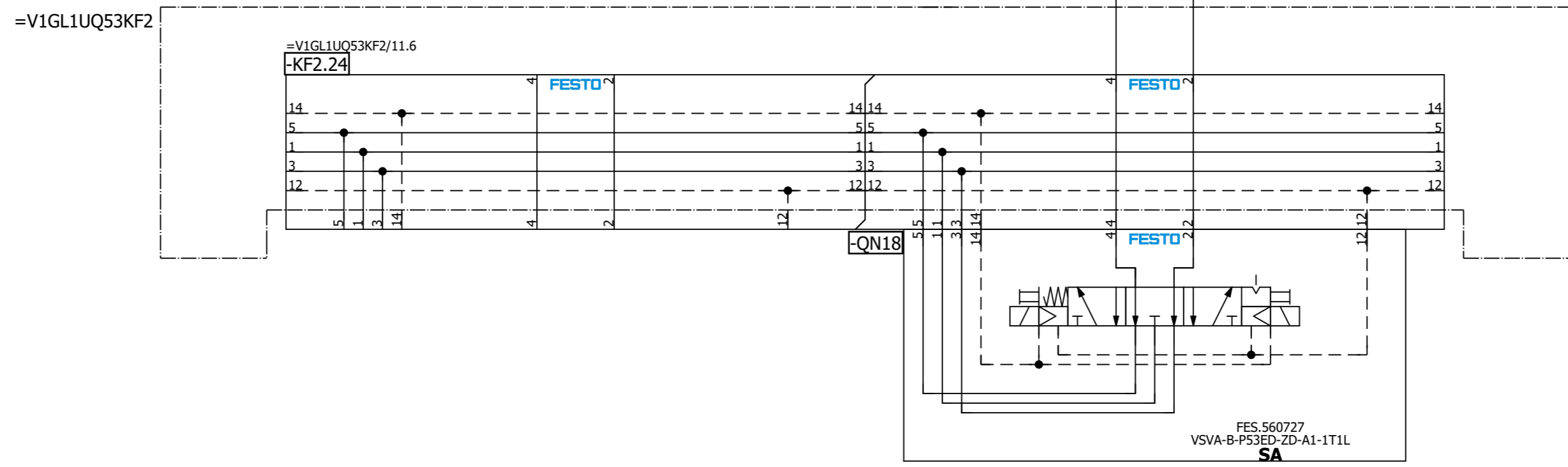
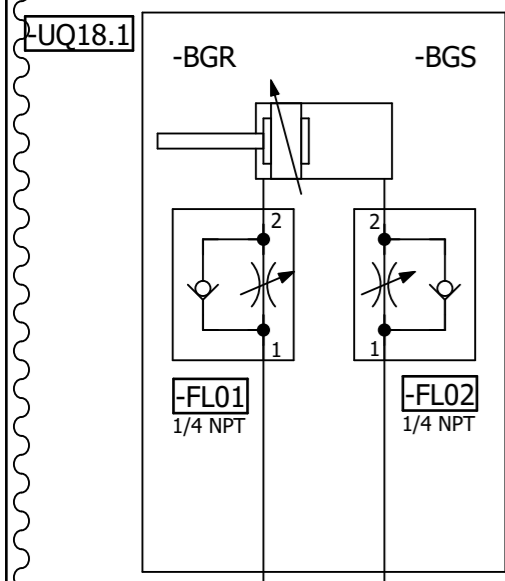
=V1GL1UQ53
-UQ17-QN17.1
Clamp 17
(RST)

=V1GL1UQ53
-UQ17-QN17.2
Clamp 17
(SET)

=V1GL1UQ53UQ16/1

=V1GL1UQ53UQ18/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 17	Drawing name:		= V1GL1UQ53UQ17
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL1UQ53
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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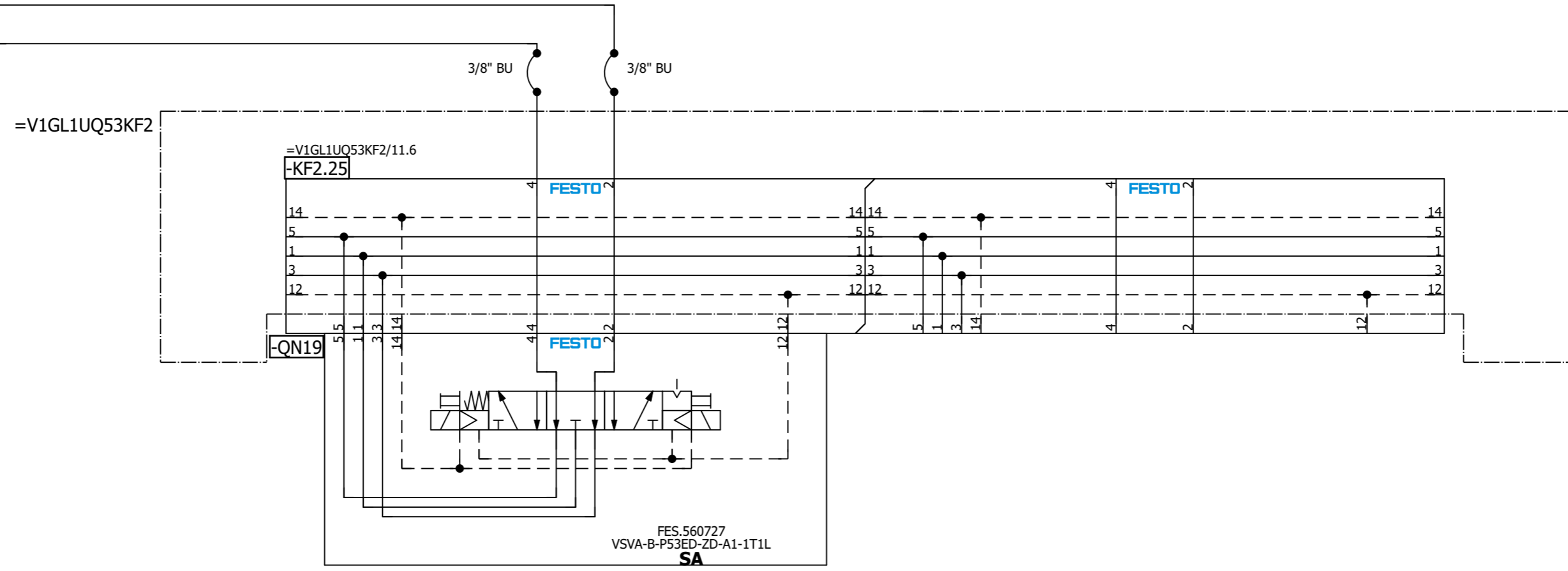
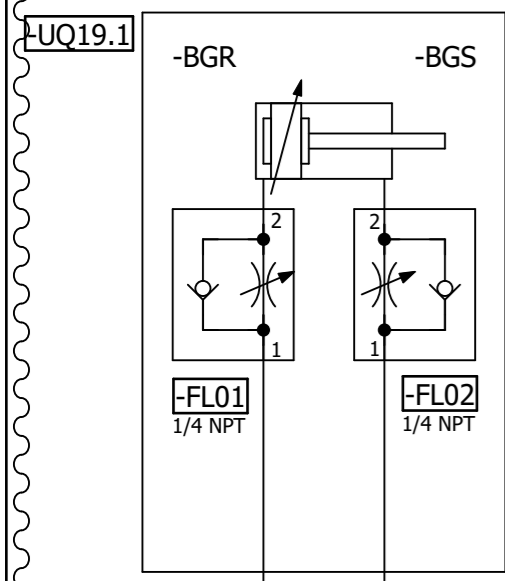
=V1GL1UQ53
-UQ18-QN18.1
Shot Pin 18
(RST)

=V1GL1UQ53
-UQ18-QN18.2
Shot Pin 18
(SET)

=V1GL1UQ53UQ17/1

=V1GL1UQ53UQ19/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 18	Drawing name: =2V10&MFS-PNEU	= V1GL1UQ53UQ18 + V1GL1UQ53
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1
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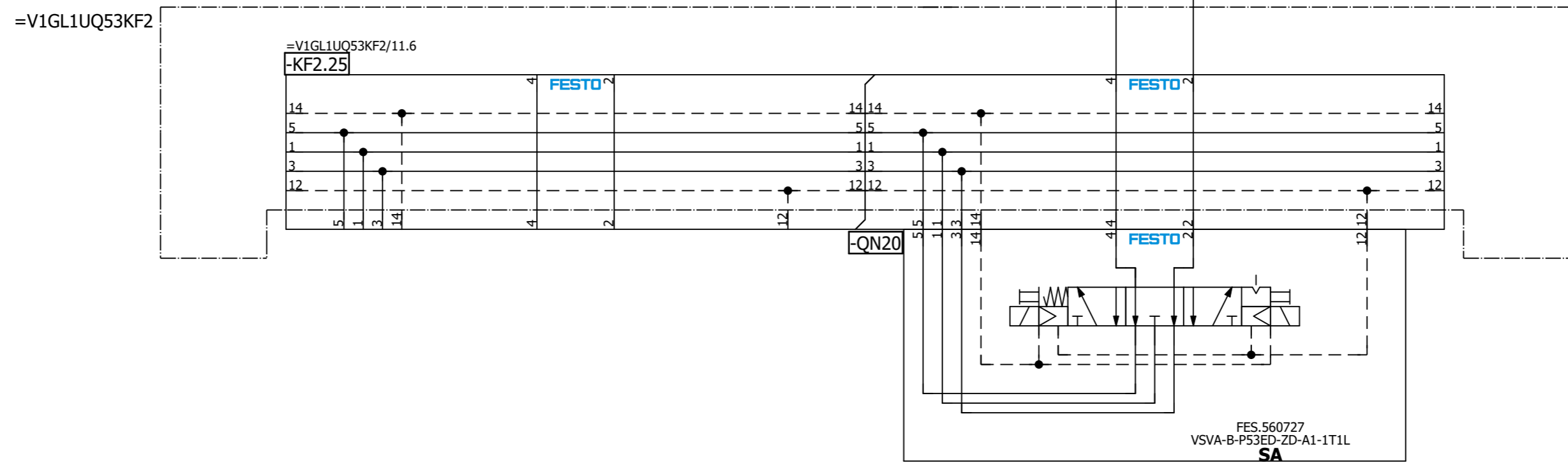
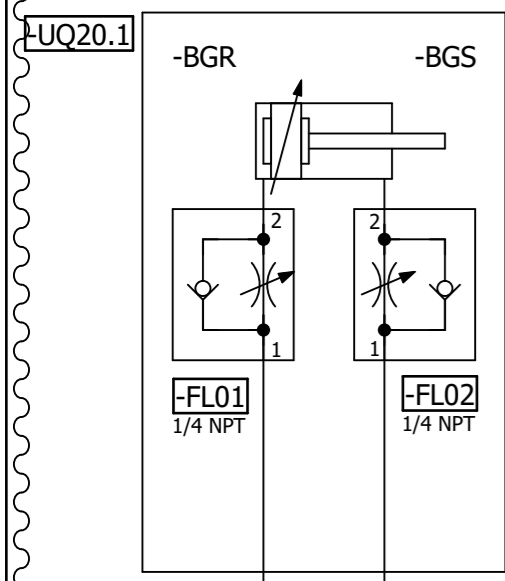
=V1GL1UQ53
-UQ19-QN19.1
Clamp 19
(RST)

=V1GL1UQ53
-UQ19-QN19.2
Clamp 19
(SET)

=V1GL1UQ53UQ18/1

=V1GL1UQ53UQ20/1

Date: 1/10/2023		Volvo Trucks North America		Valiant TMS		Clamp 19		Drawing name: =V1GL1UQ53UQ19		= V1GL1UQ53UQ19	
Ed.: MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Appr:		Replacement of		Replaced by				Page: 1		420	
Modification	Date	Name	Original								



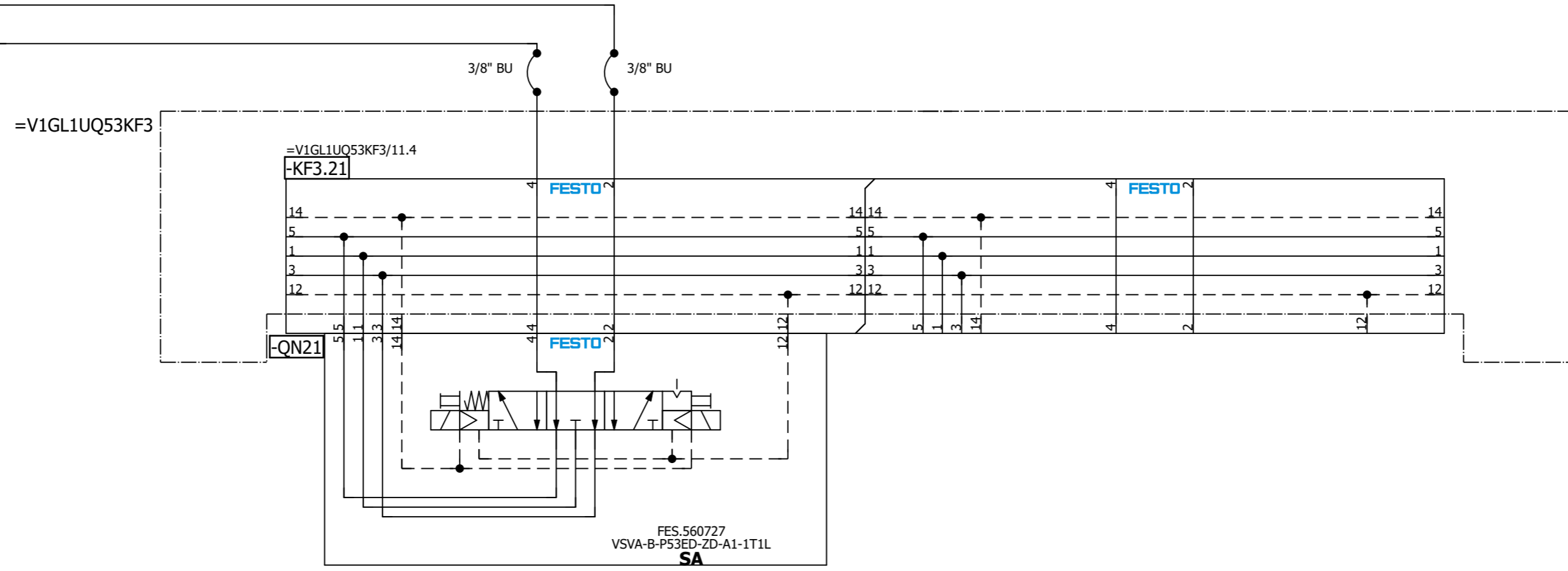
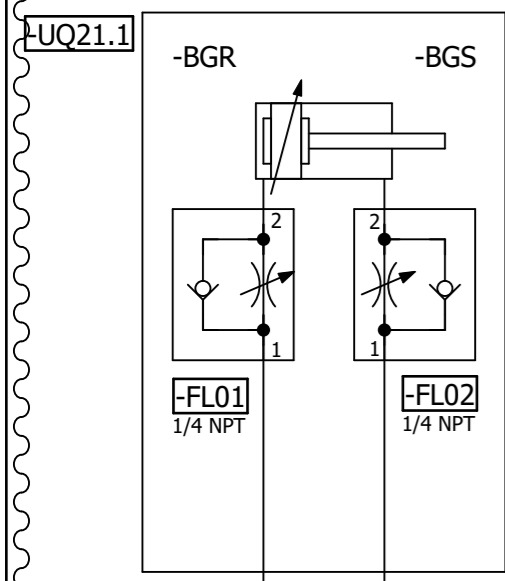
=V1GL1UQ53
-UQ20-QN20.1
Clamp 20
(RST)

=V1GL1UQ53
-UQ20-QN20.2
Clamp 20
(SET)

=V1GL1UQ53UQ19/1

=V1GL1UQ53UQ21/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 20	Drawing name: =2V10&MFS-PNEU	= V1GL1UQ53UQ20 + V1GL1UQ53
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1
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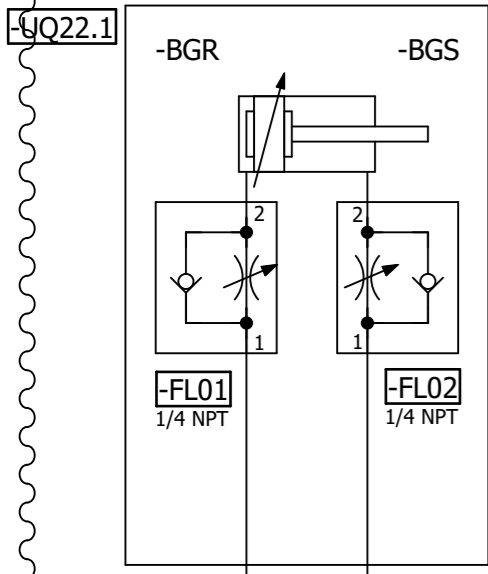
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-UQ21-QN21.1
Clamp 21
(RST)

=V1GL1UQ53
-UQ21-QN21.2
Clamp 21
(SET)

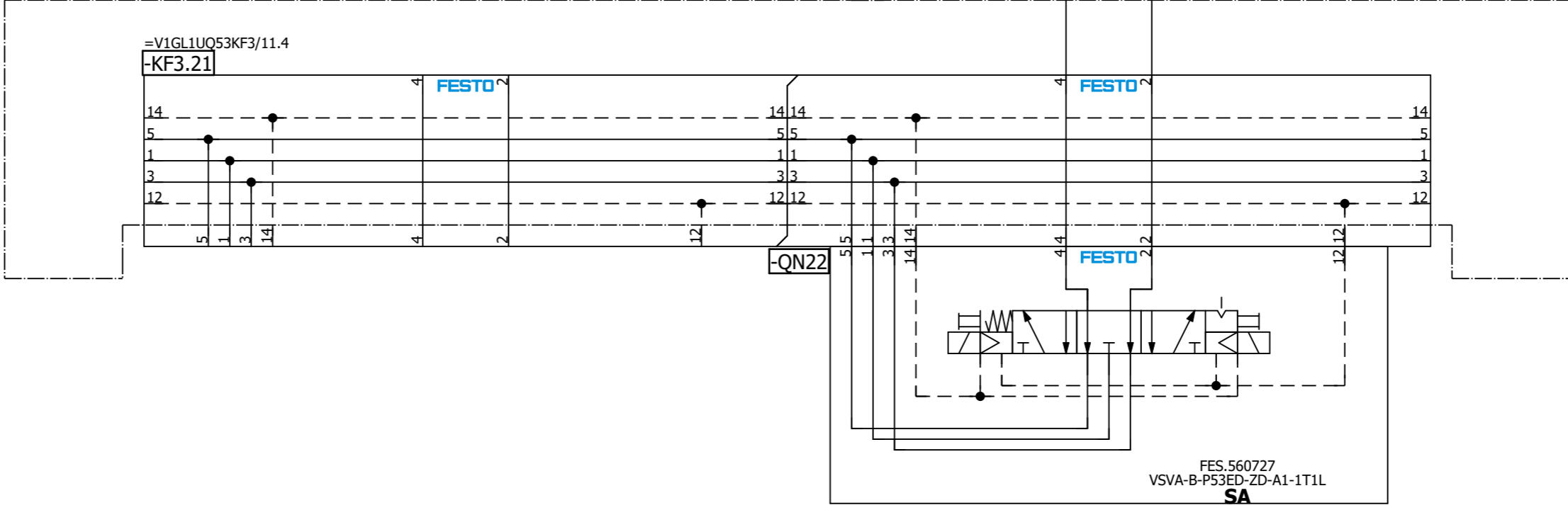
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=V1GL1UQ53UQ22/1

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Ed.: MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Appr:		Replacement of		Replaced by				Page: 1		420	
Modification	Date	Name	Original								



=V1GL1UQ53KF3



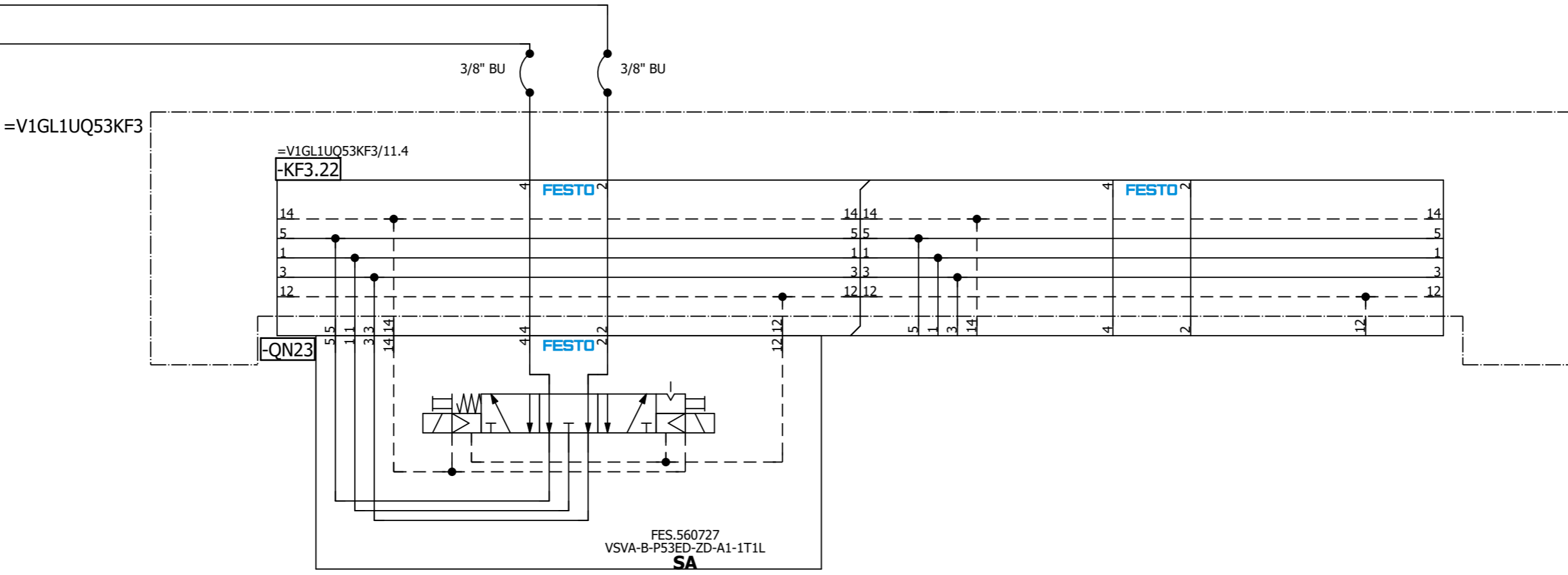
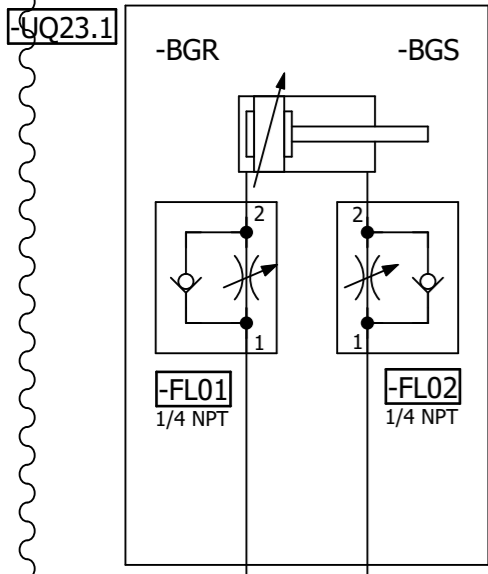
=V1GL1UQ53
-UQ22-QN22.1
Clamp 22
(RST)

=V1GL1UQ53
-UQ22-QN22.2
Clamp 22
(SET)

=V1GL1UQ53UQ21/1

=V1GL1UQ53UQ23/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 22	Drawing name:		= V1GL1UQ53UQ22
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL1UQ53
			Appr.		Replacement of		Scale 1:1	Document type:		MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replaced by			Page		1	
										420	



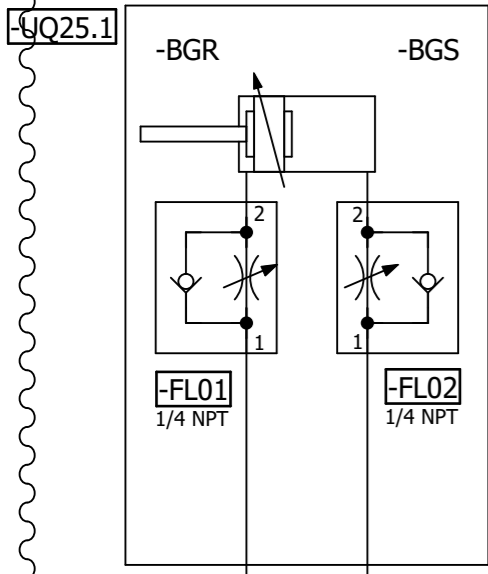
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-UQ23-QN23.1
Clamp 23
(RST)

=V1GL1UQ53
-UQ23-QN23.2
Clamp 23
(SET)

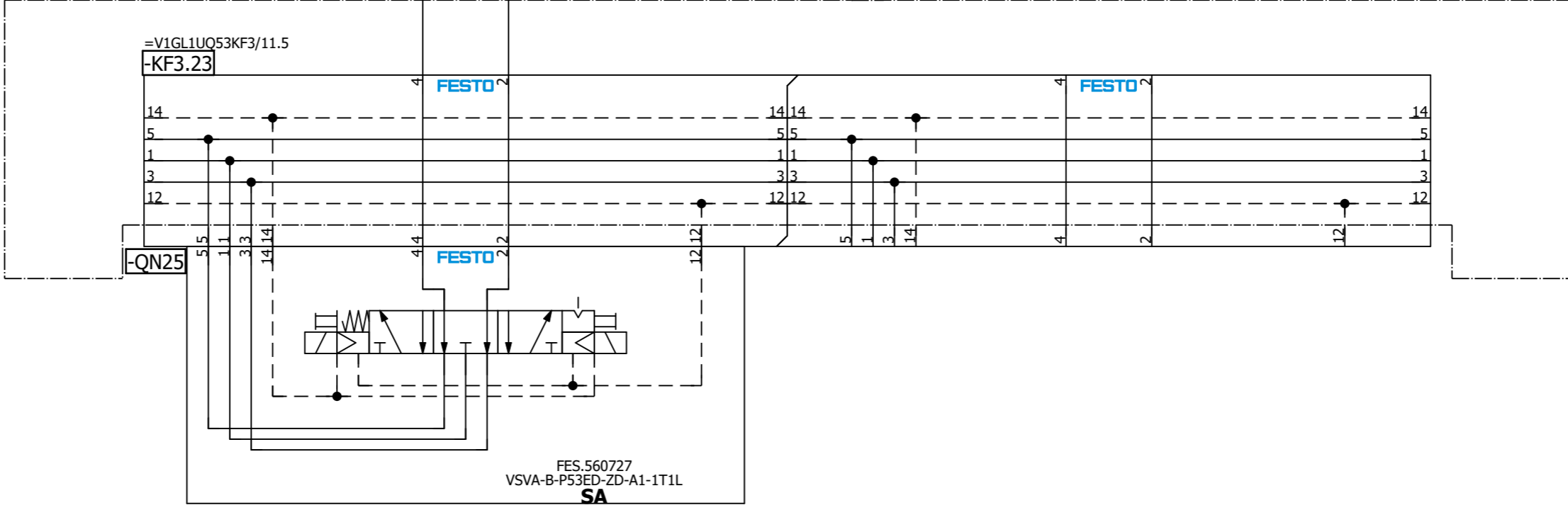
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=V1GL1UQ53UQ24/1

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Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		= 2V10&MFS-PNEU	
Appr.				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
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=V1GL1UQ53KF3



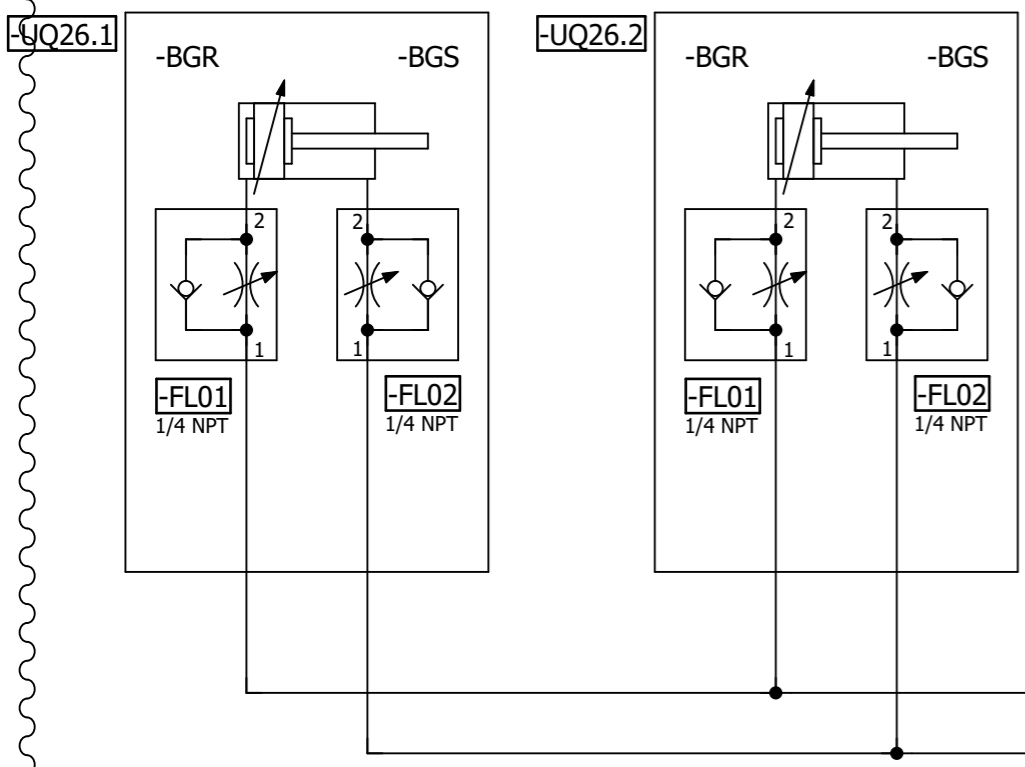
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-UQ25-QN25.1
Shot Pin 25
(RST)

=V1GL1UQ53
-UQ25-QN25.2
Shot Pin 25
(SET)

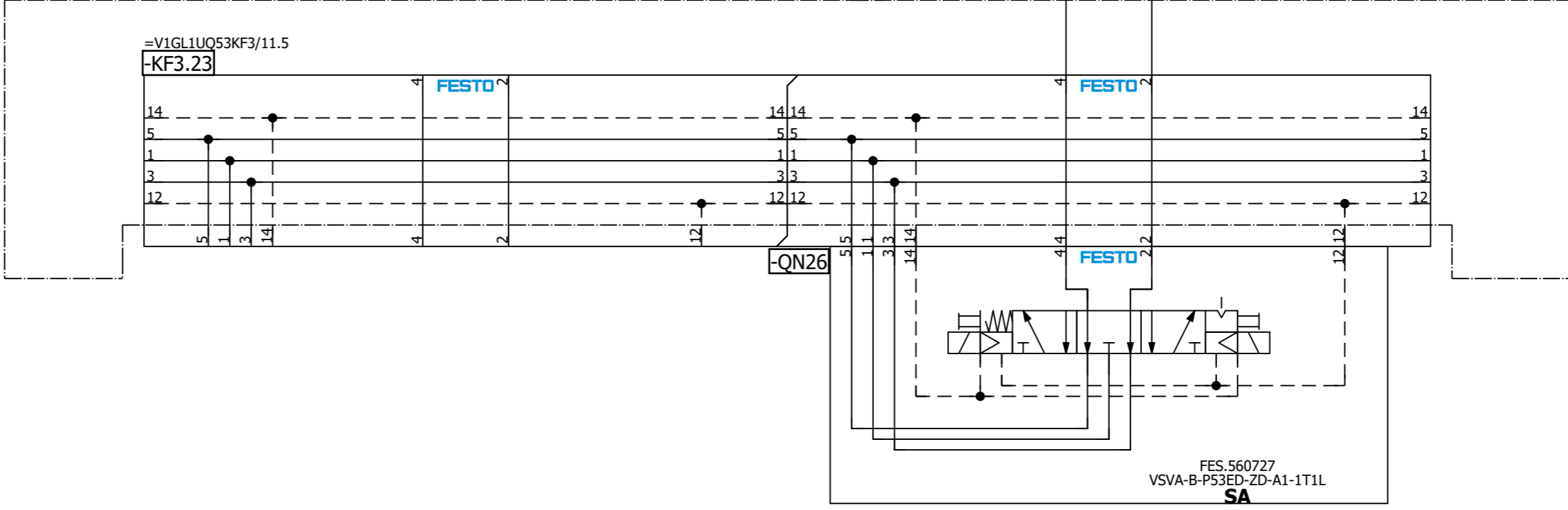
=V1GL1UQ53UQ24/1

=V1GL1UQ53UQ26/1

			Date	1/10/2023	Volvo Trucks North America	Valiant TMS		Shot Pin 25		Drawing name: =2V10&MFS-PNEU		= V1GL1UQ53UQ25 + V1GL1UQ53	
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1		Document type: MFS		Project nr: 22-16150		Page 1
Modification	Date	Name	Original		Replacement of	Replaced by							420



=V1GL1UQ53KF3



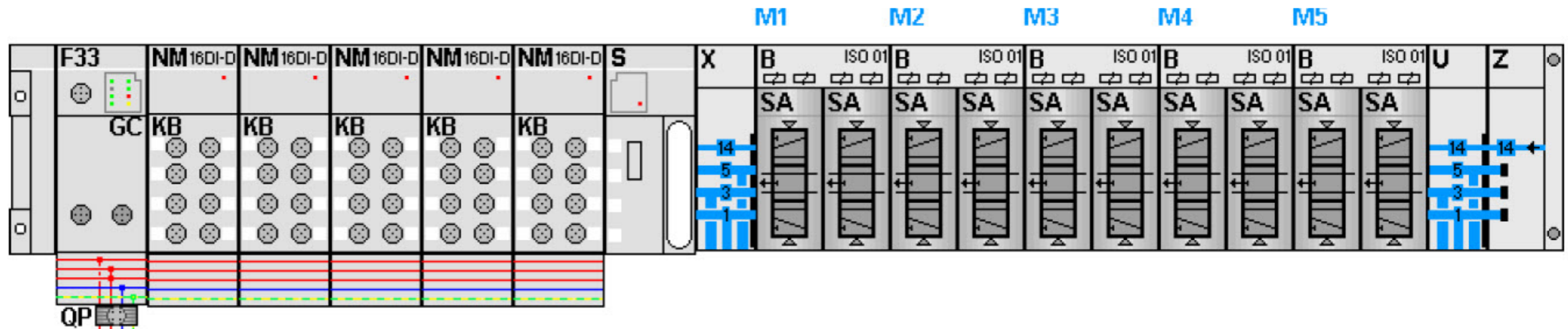
=V1GL1UQ53
-UQ26-QN26.1
Clamps 26
(RST)

=V1GL1UQ53
-UQ26-QN26.2
Clamps 26
(SET)

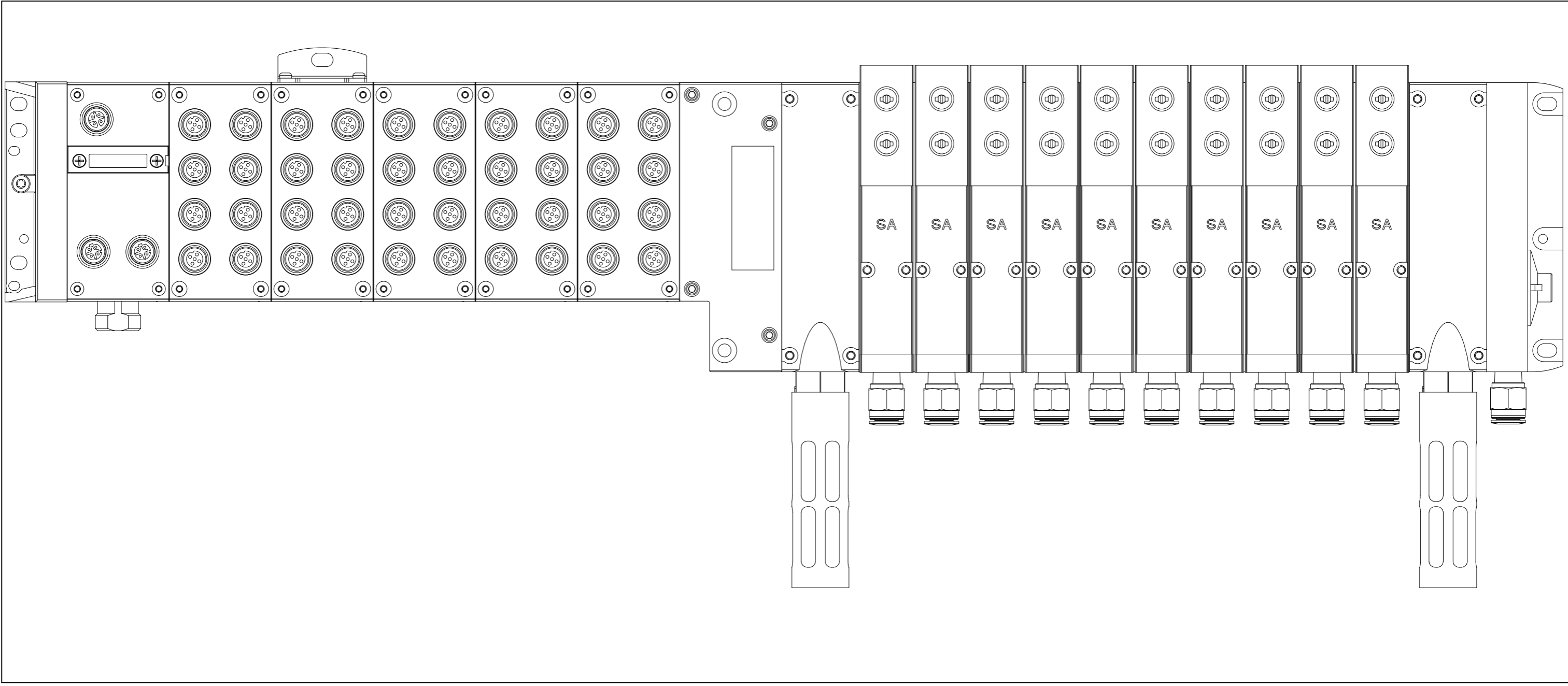
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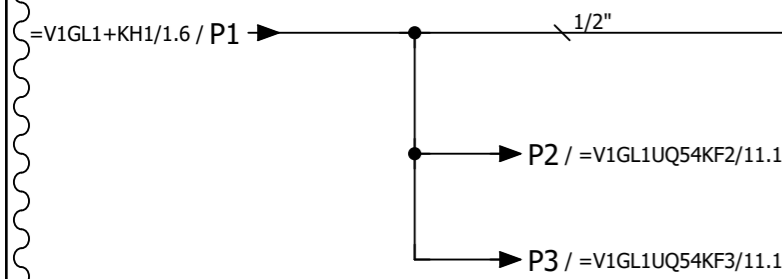
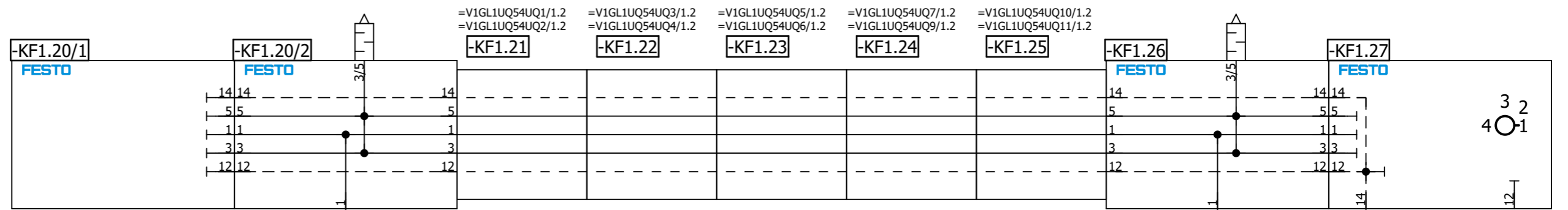
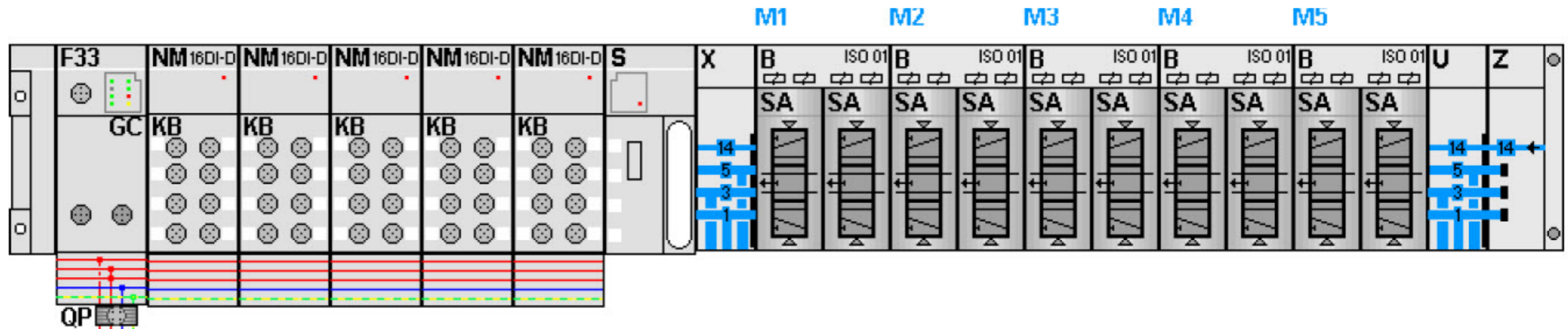
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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1		= 2V10&MFS-PNEU		
			Appr.					Replacement of	Replaced by	Document type:
Modification	Date	Name	Original					Project nr:	22-16150	
									Page	1
										420

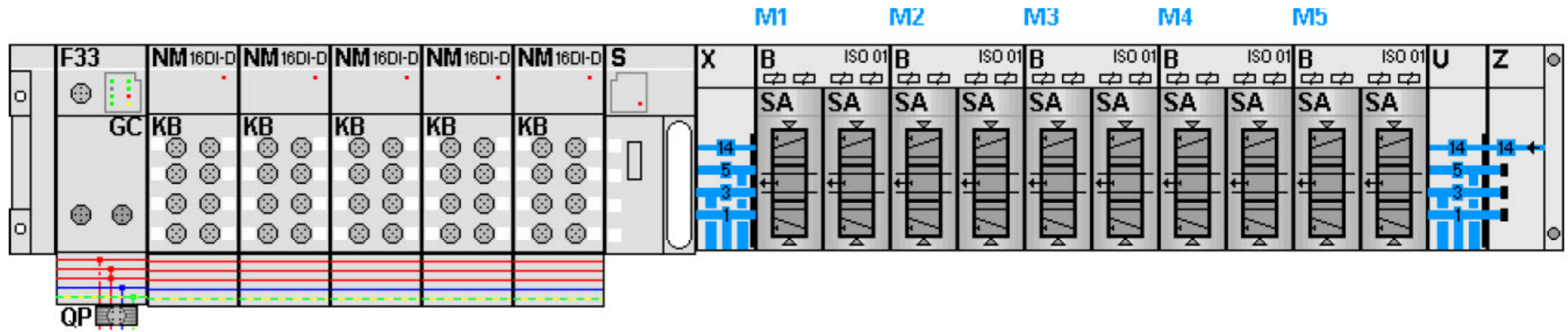


KF1.0

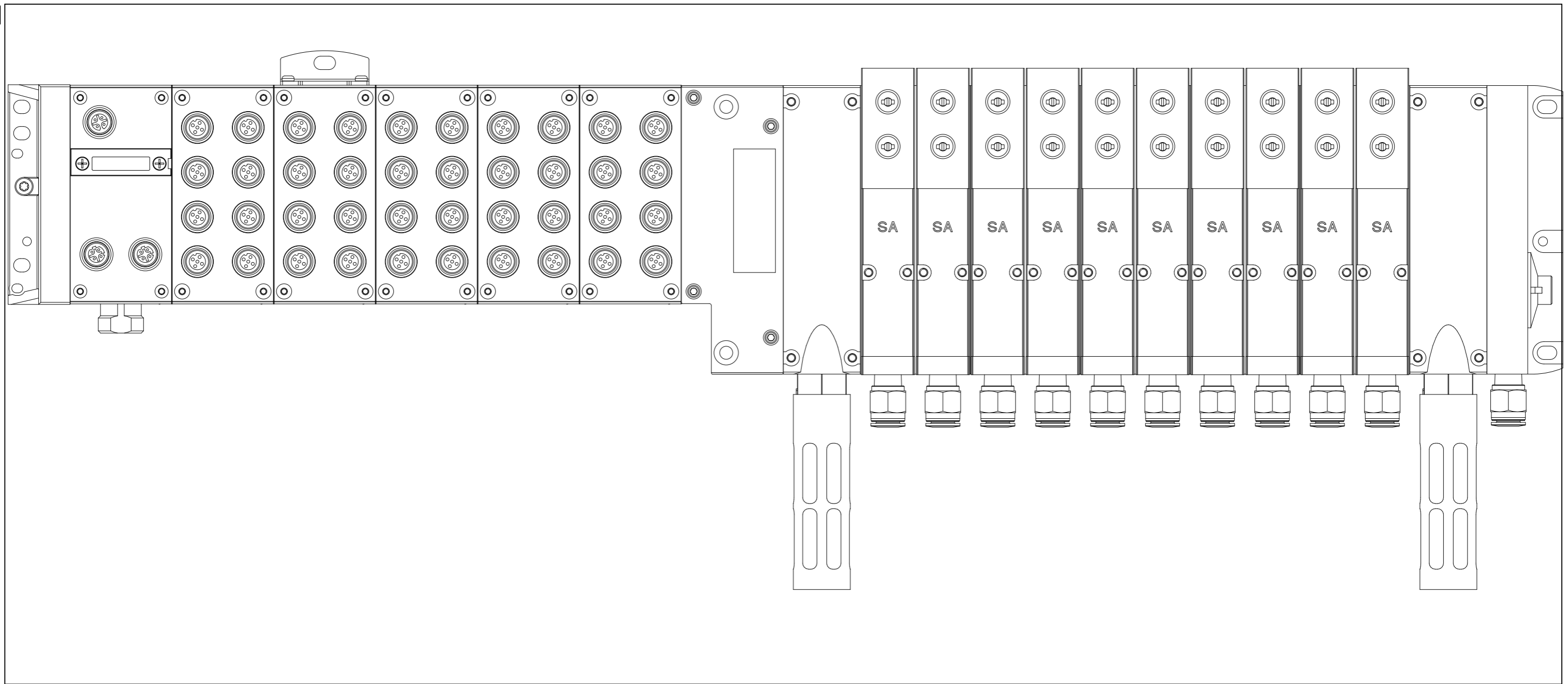


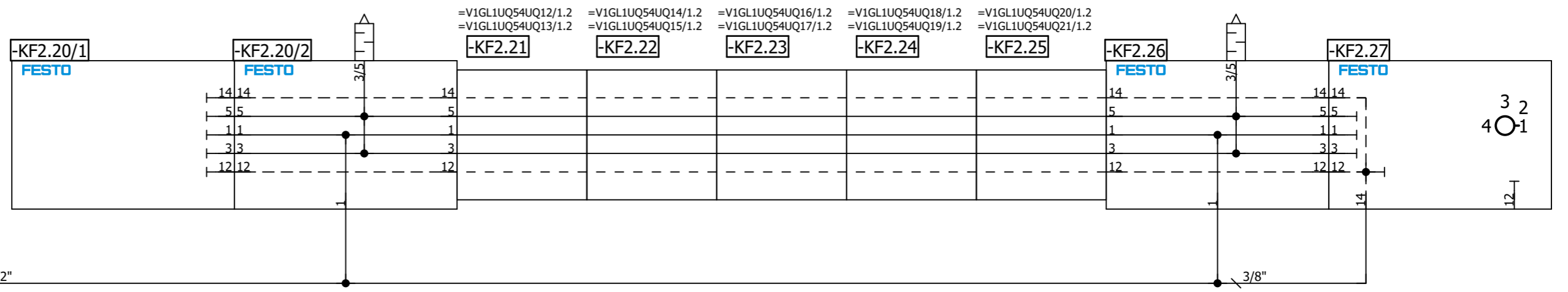
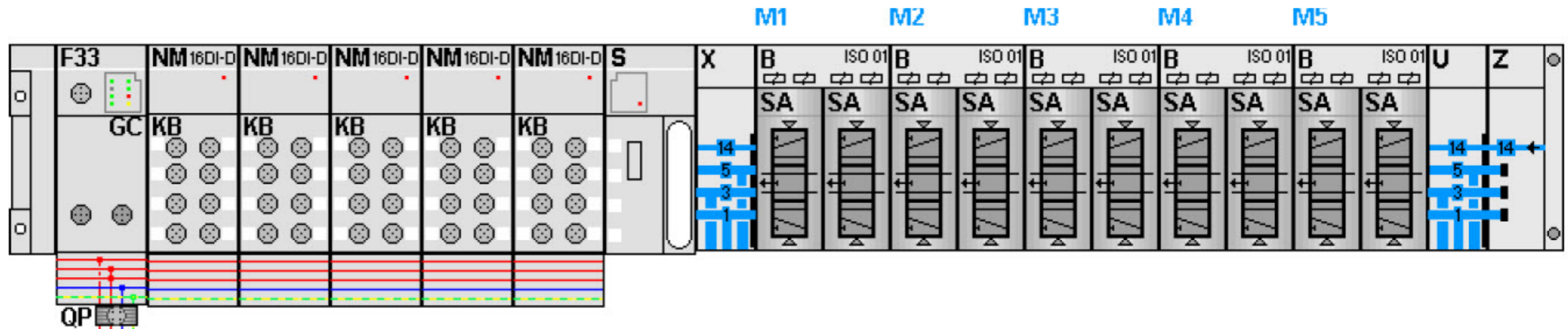
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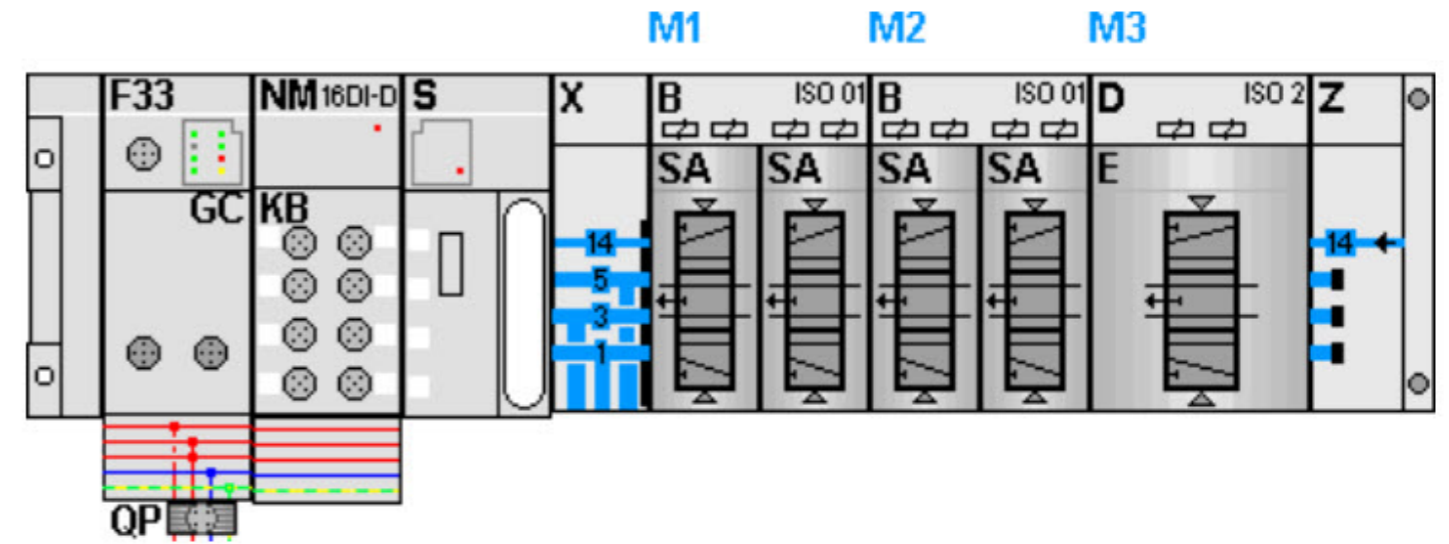
KF2.0



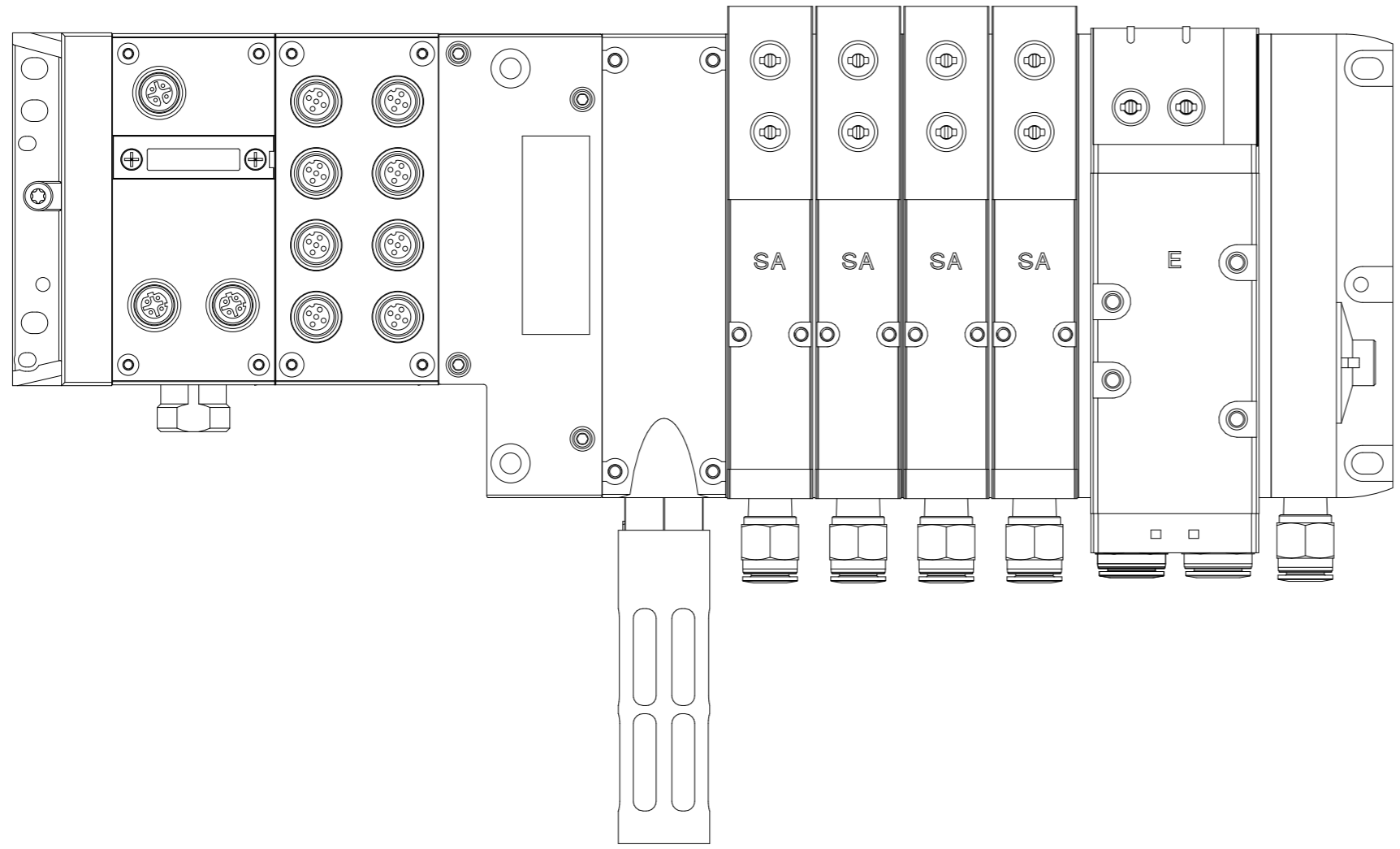


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=V1GL1UQ54KF3/5

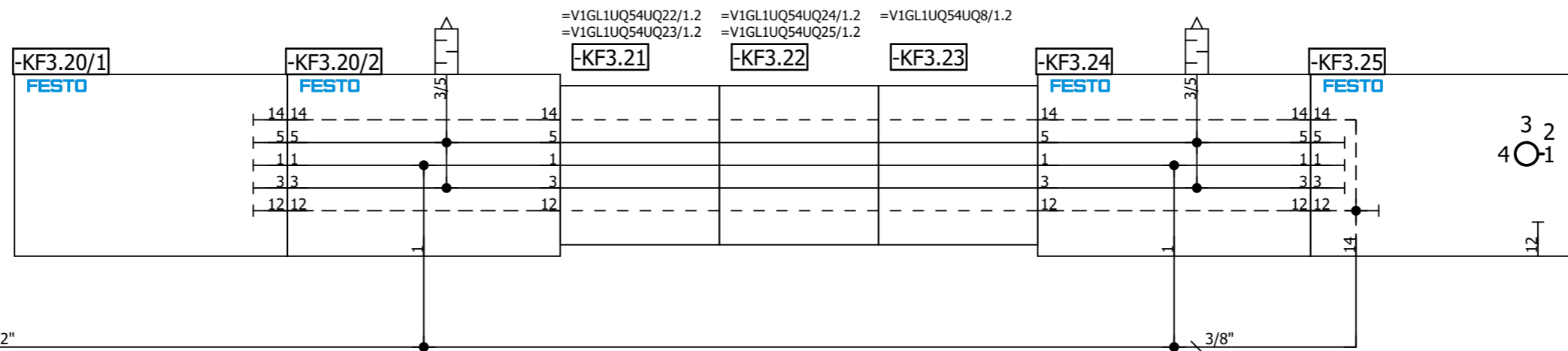
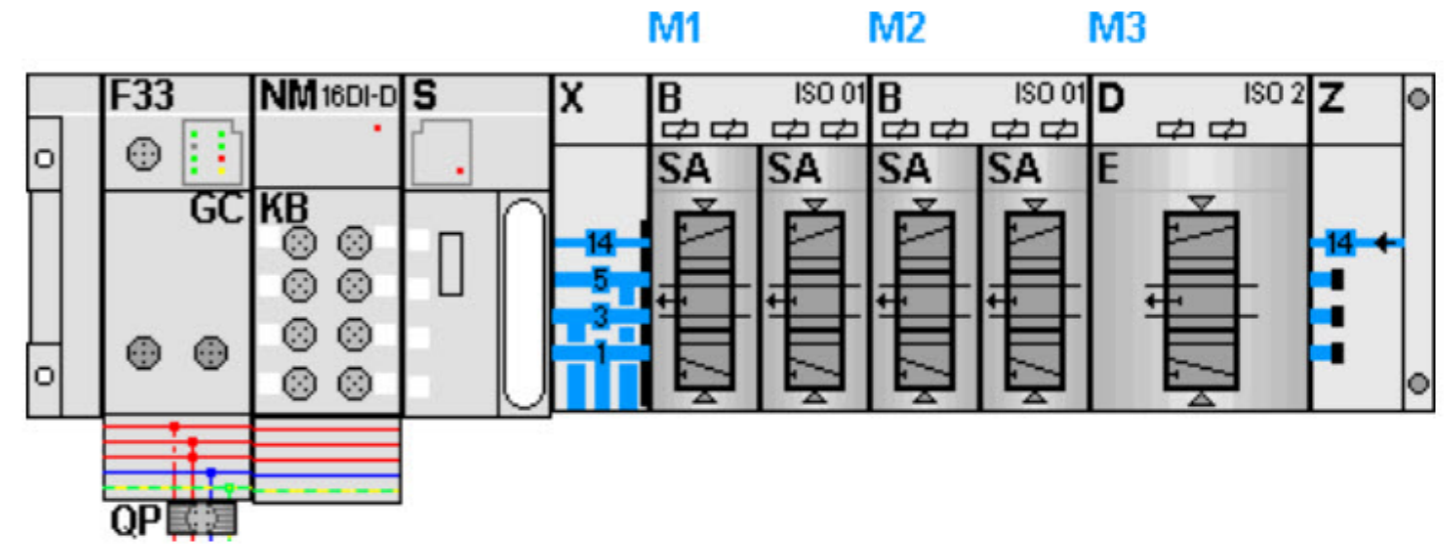


KF3.0



=V1GL1UQ54KF2/11

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Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		= 2V10&MFS-PNEU			
Appr				Replacement of		Replaced by				Project nr:		22-16150			
Modification	Date	Name	Original							MFS		Page 5			
												+ V1GL1UQ54		420	



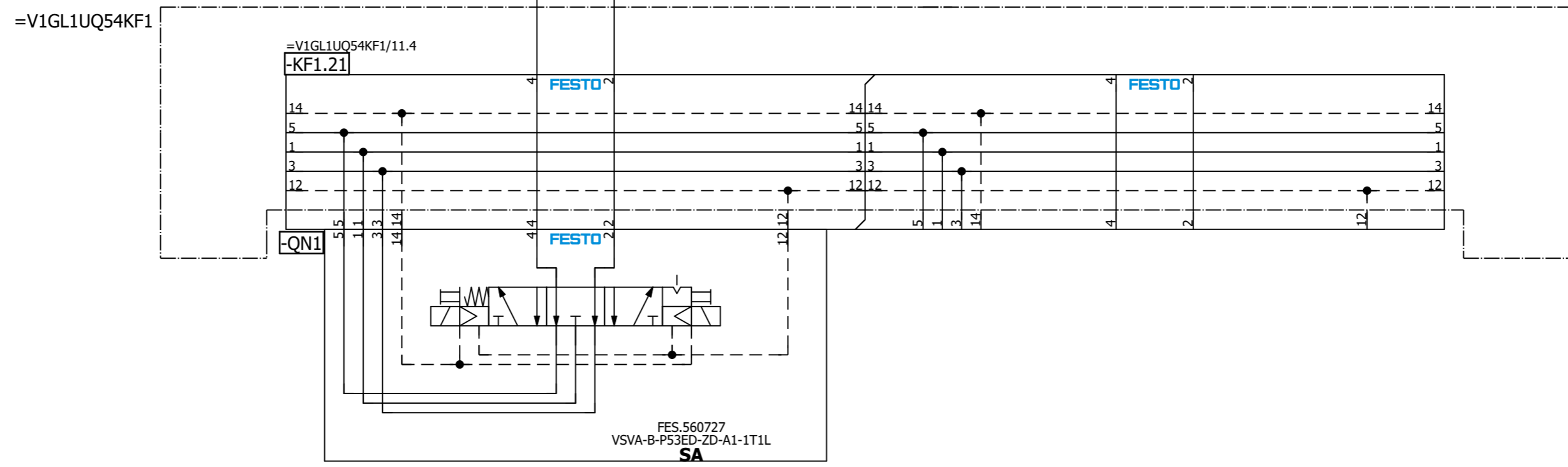
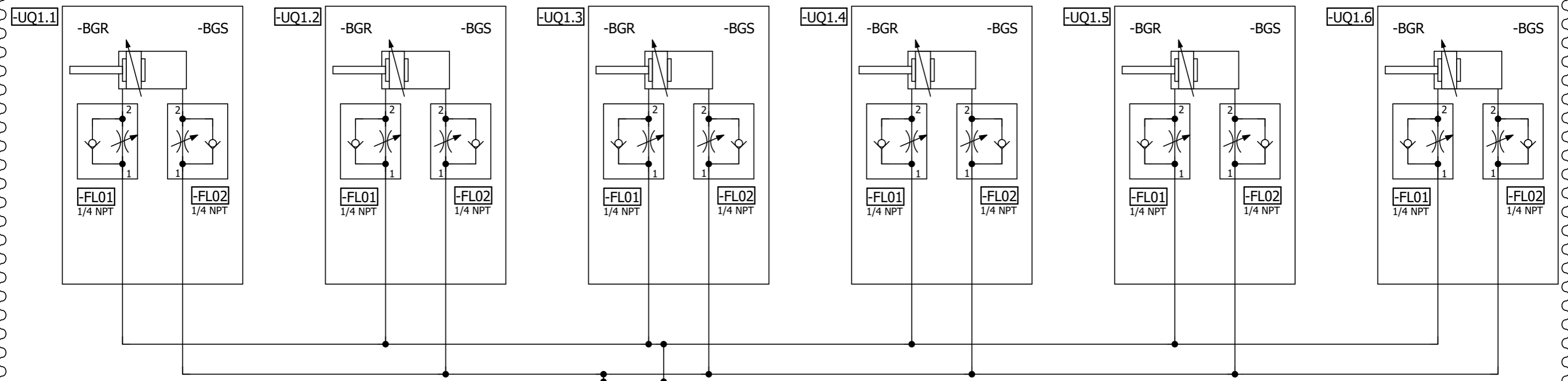
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1/2"

3/8"

=V1GL1UQ54UQ1/1

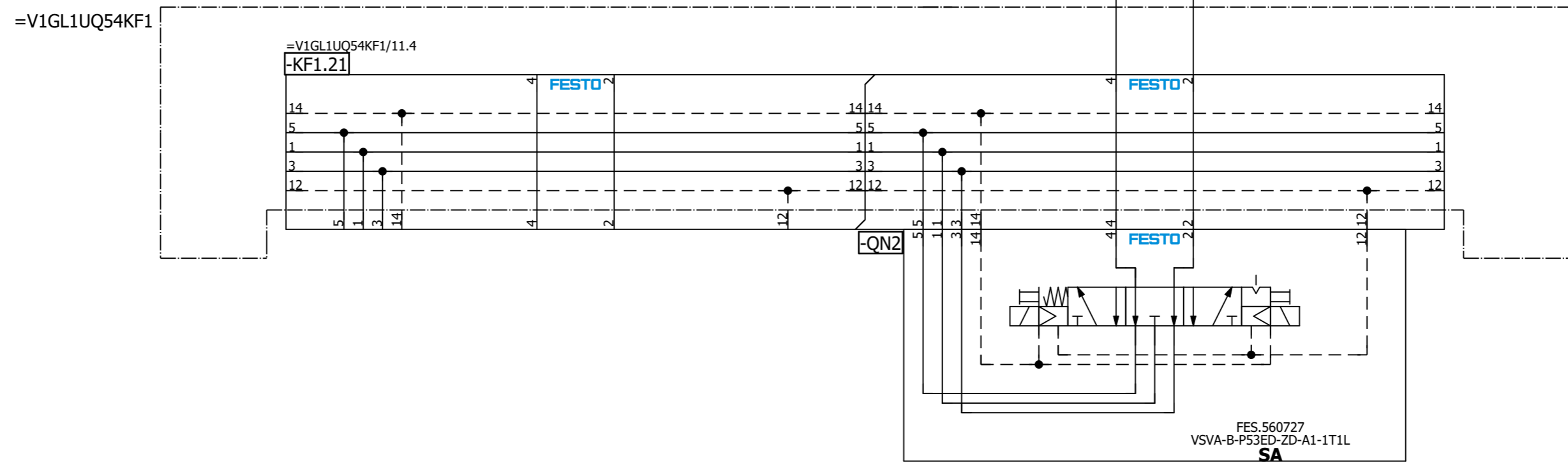
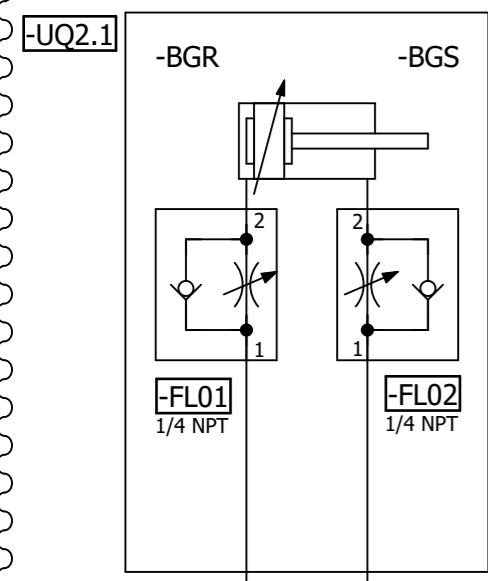
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL1UQ54	
Appr.			Replacement of		Replaced by		Document type:		Project nr:	
Original					Scale 1:1		MFS		22-16150	
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									420	



=V1GL1UQ54
-UQ1-QN1.1
Shot Pins 1
(RST)

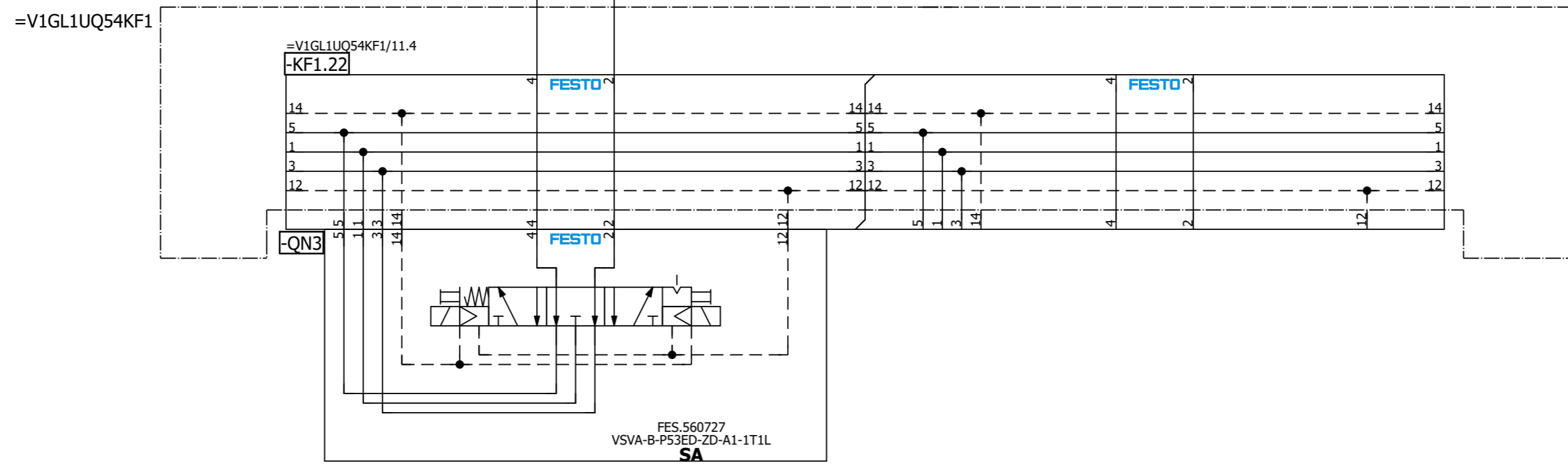
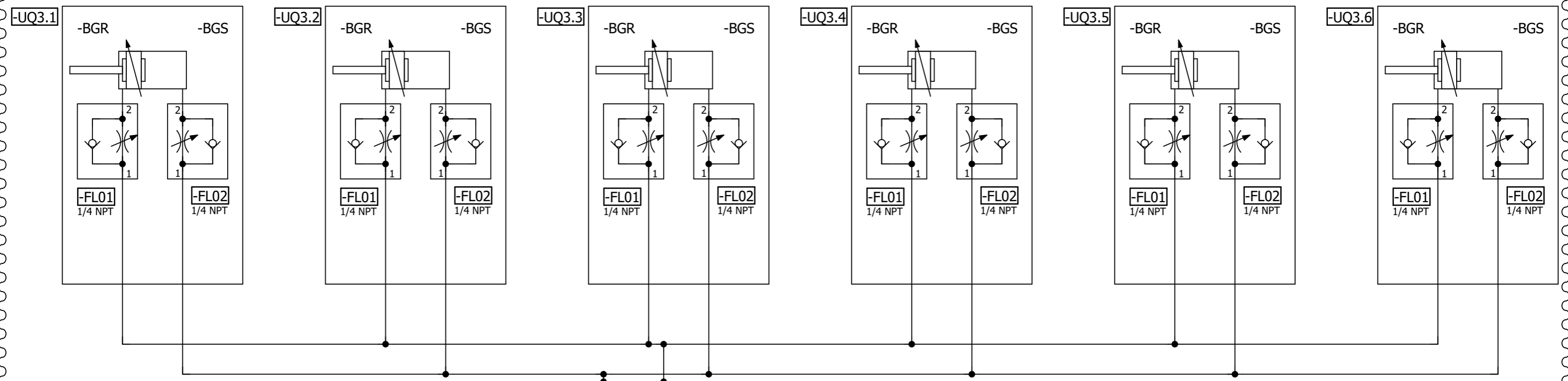
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Shot Pins 1
(SET)

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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original		Replacement of	Replaced by							Page	1
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=V1GL1UQ54
-UQ2-QN2.1
Shot Pin 2
(RST)

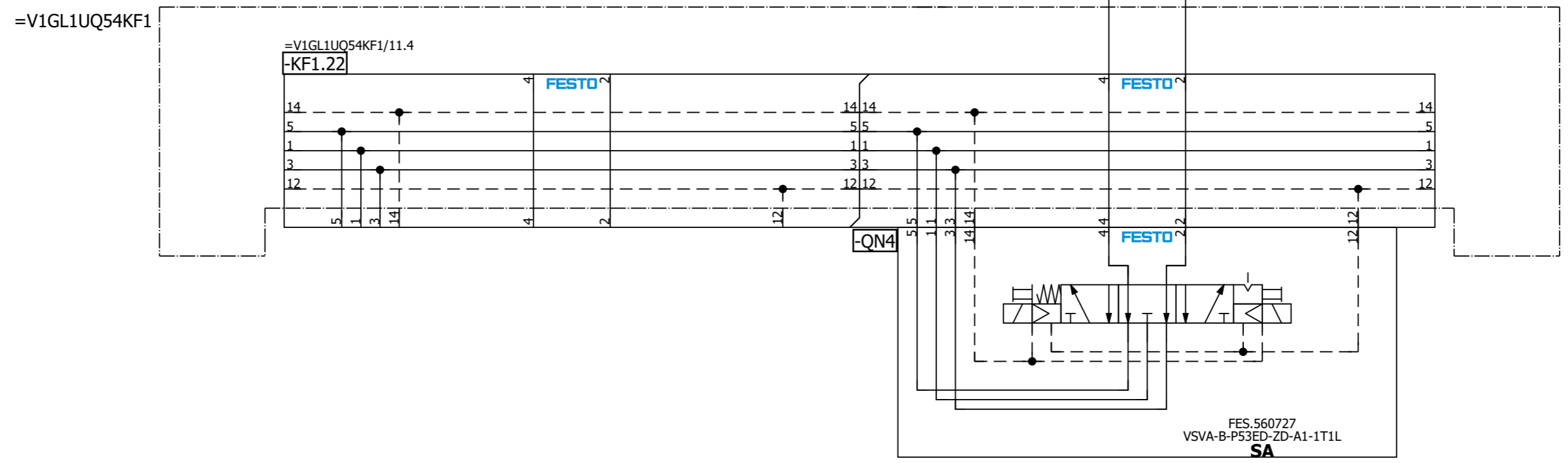
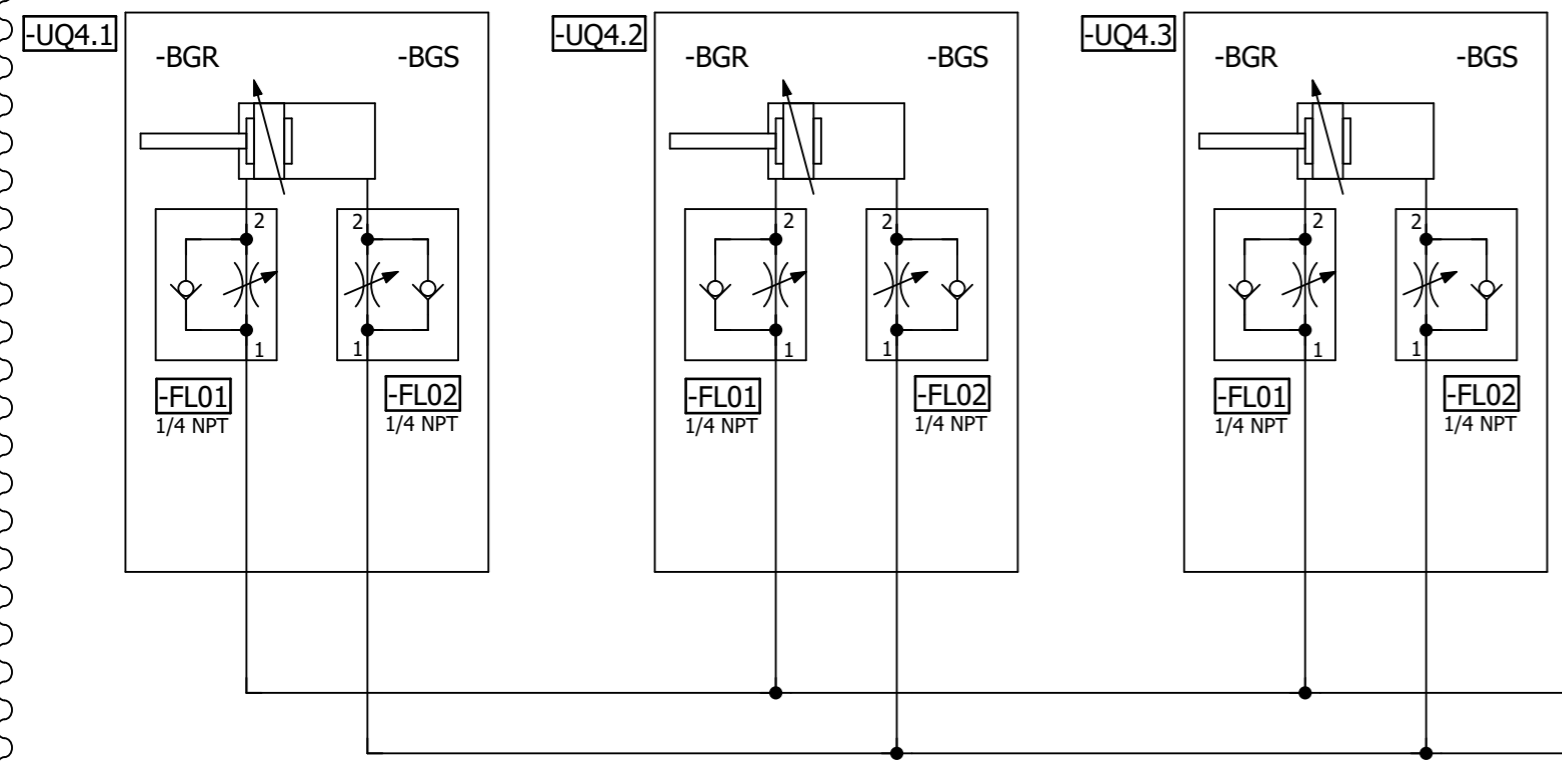
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-UQ2-QN2.2
Shot Pin 2
(SET)



=V1GL1UQ54
-UQ3-QN3.1
Shot Pins 3
(RST)

=V1GL1UQ54
-UQ3-QN3.2
Shot Pins 3
(SET)

Date		1/10/2023	Volvo Trucks North America		Valiant TMS		Shot Pins 3		Drawing name:		= V1GL1UQ54UQ3	
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Original									MFS		1	
									22-16150		420	

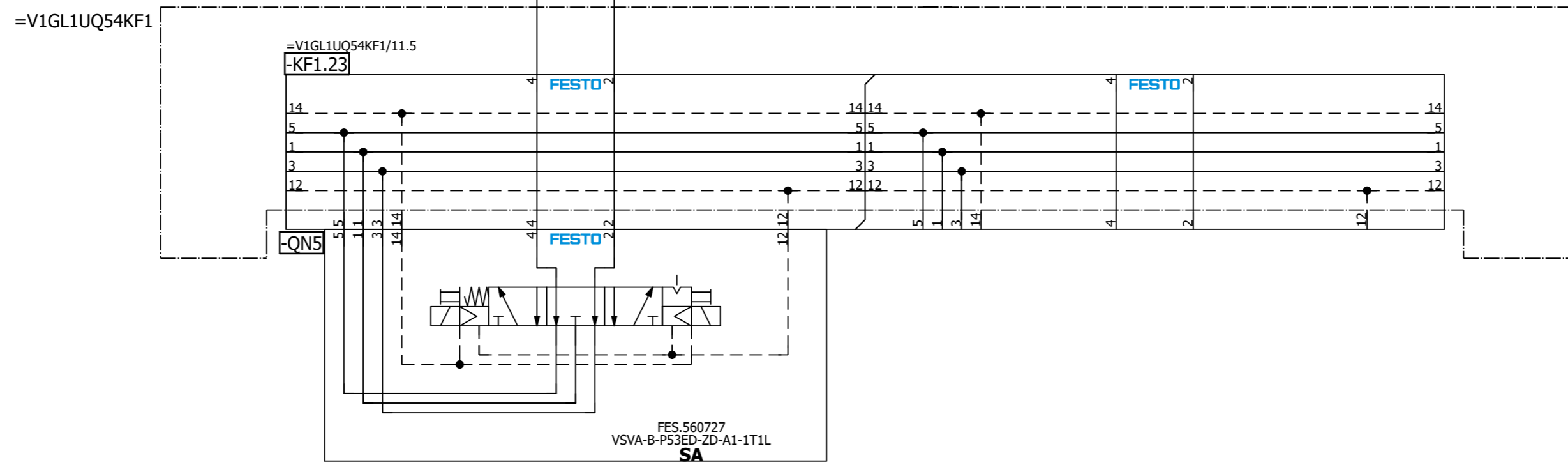
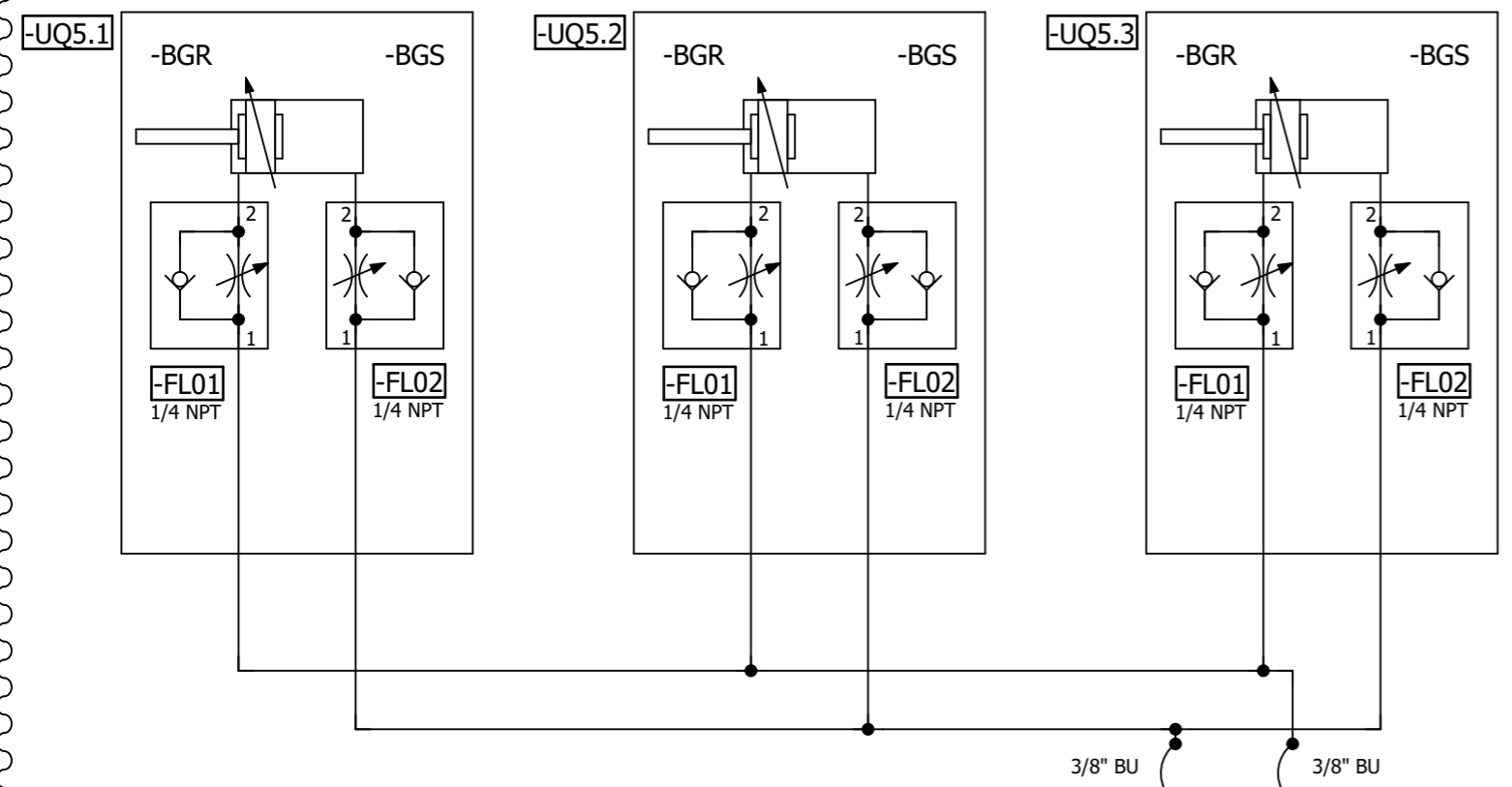


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Shot Pins 4
(RST)

=V1GL1UQ54
-UQ4-QN4.2
Shot Pins 4
(SET)

=V1GL1UQ54UQ3/1 =V1GL1UQ54UQ5/1

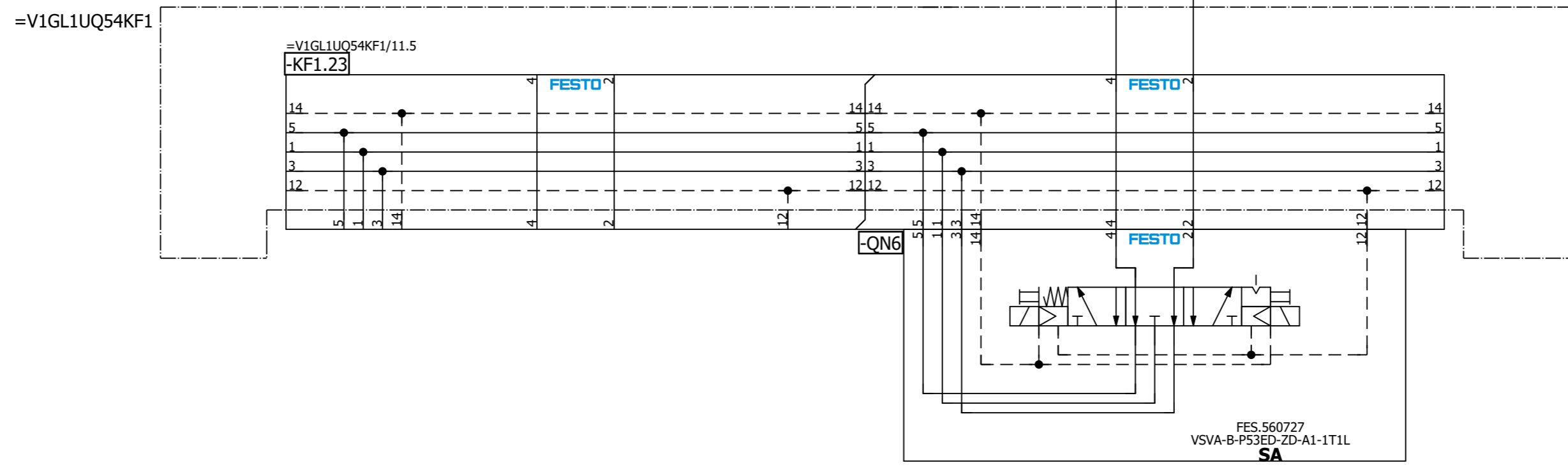
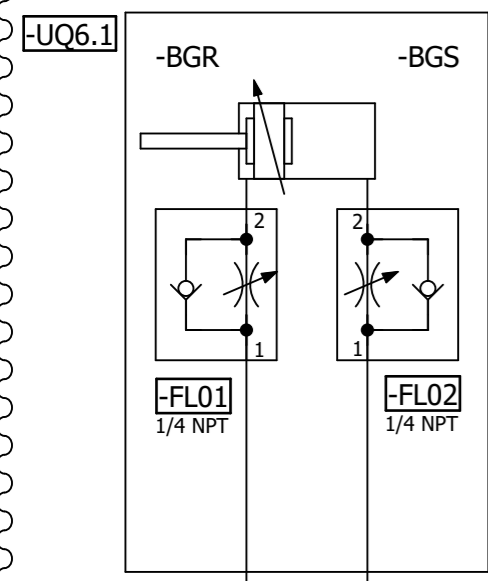
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Appr:		Replacement of		Replaced by				Project nr: 22-16150		Page 1	
Original										420	



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Shot Pins 5
(RST)

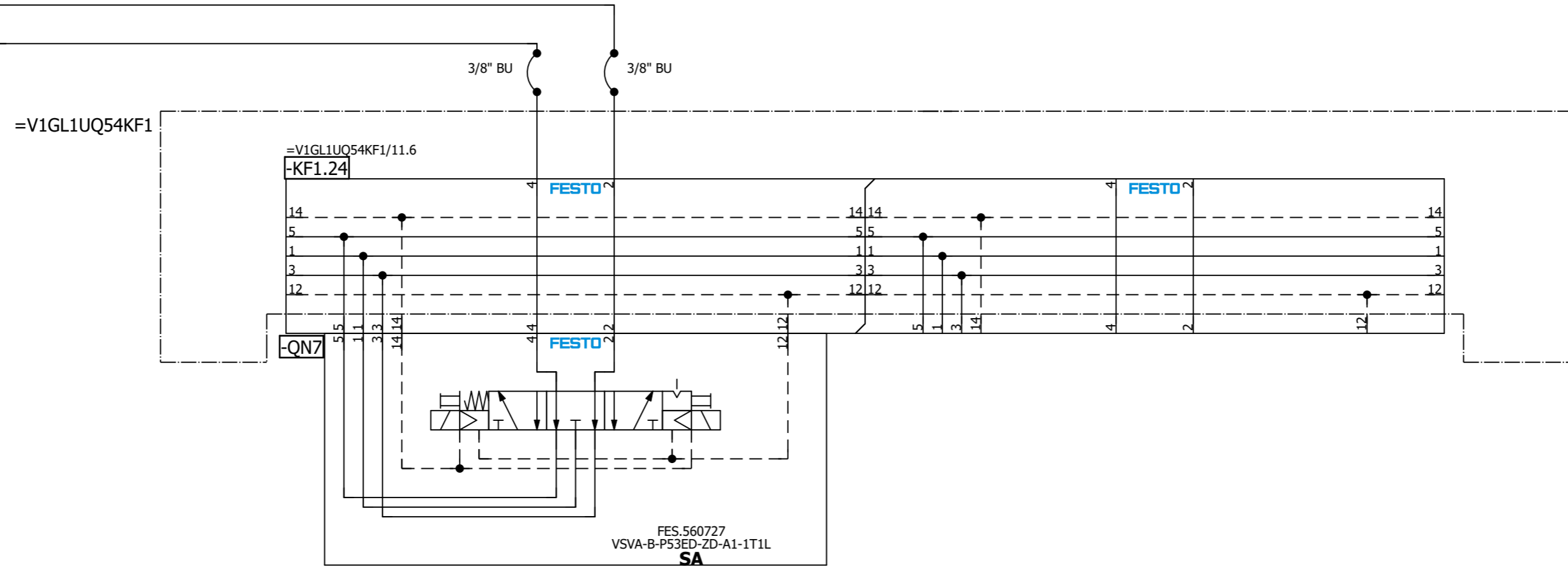
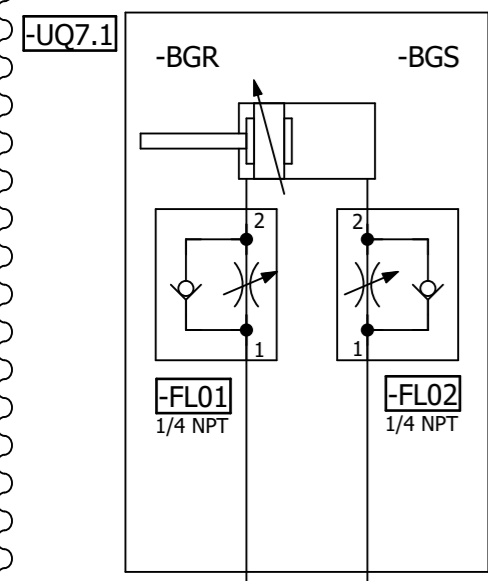
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Shot Pins 5
(SET)

Date: 1/10/2023		Volvo Trucks North America		Valiant TMS		Drawing name: =2V10&MFS-PNEU		= V1GL1UQ54UQ5	
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Appr:		Replacement of		Scale 1:1		Project nr: 22-16150		Page 1	
Original		Replaced by						420	



=V1GL1UQ54
-UQ6-QN6.1
Shot Pin 6
(RST)

=V1GL1UQ54
-UQ6-QN6.2
Shot Pin 6
(SET)



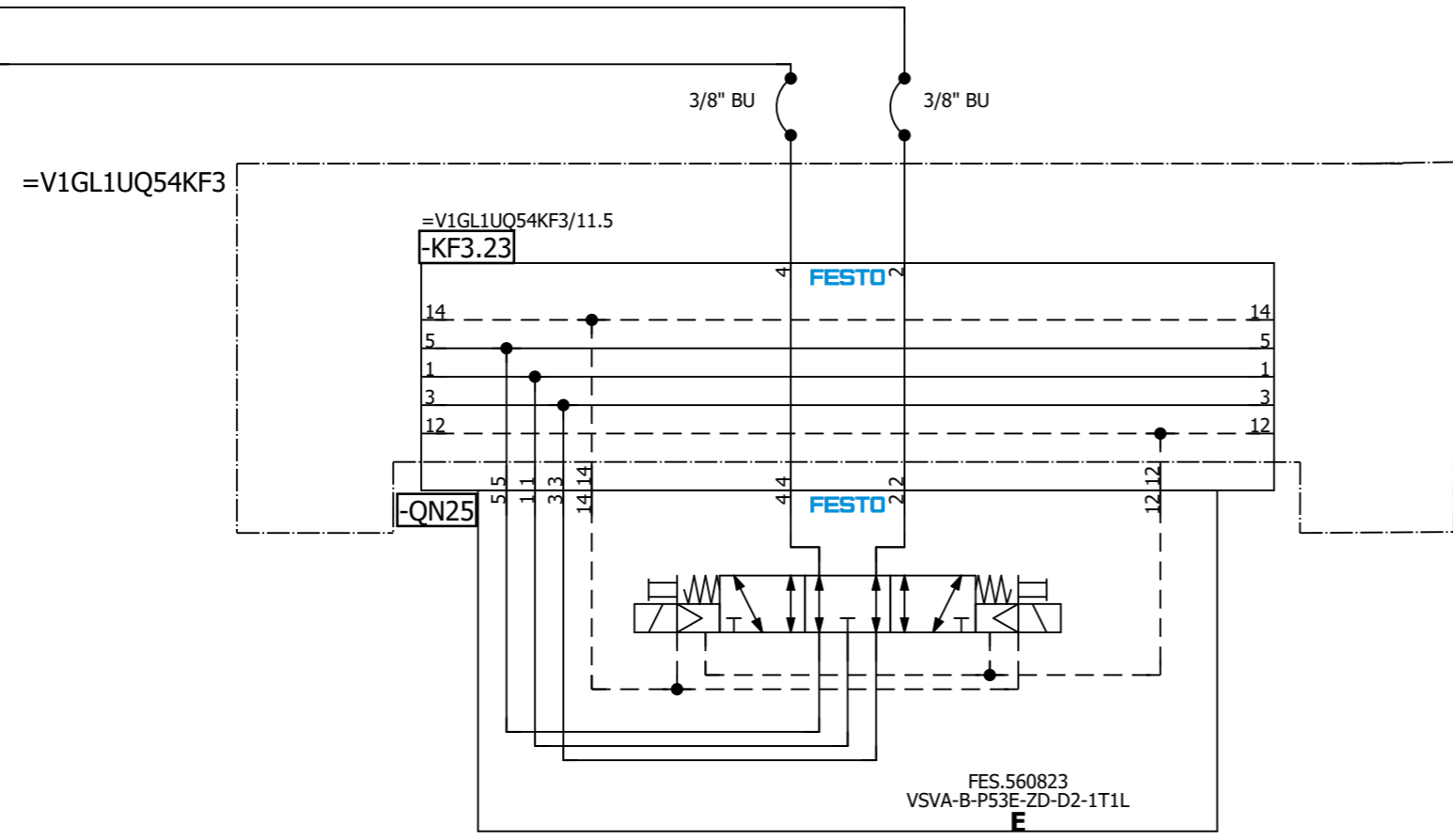
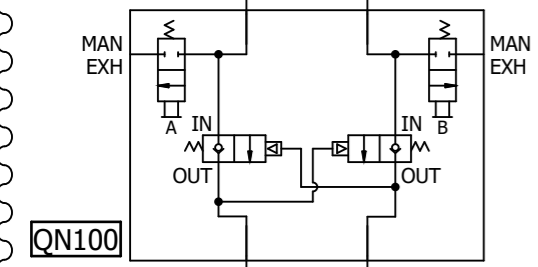
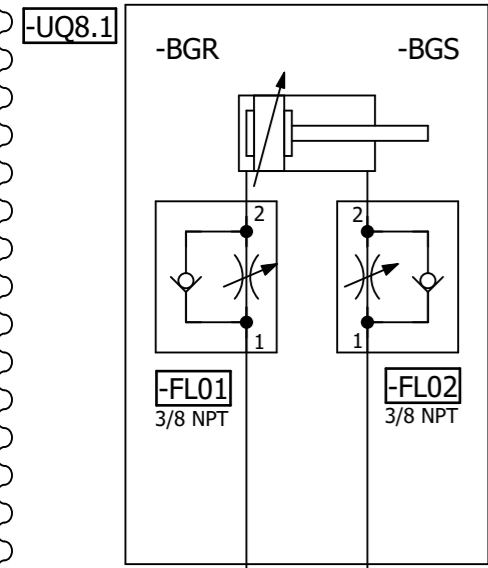
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Shot Pin 7
(RST)

=V1GL1UQ54
-UQ7-QN7.2
Shot Pin 7
(SET)

=V1GL1UQ54UQ6/1

=V1GL1UQ54UQ8/1

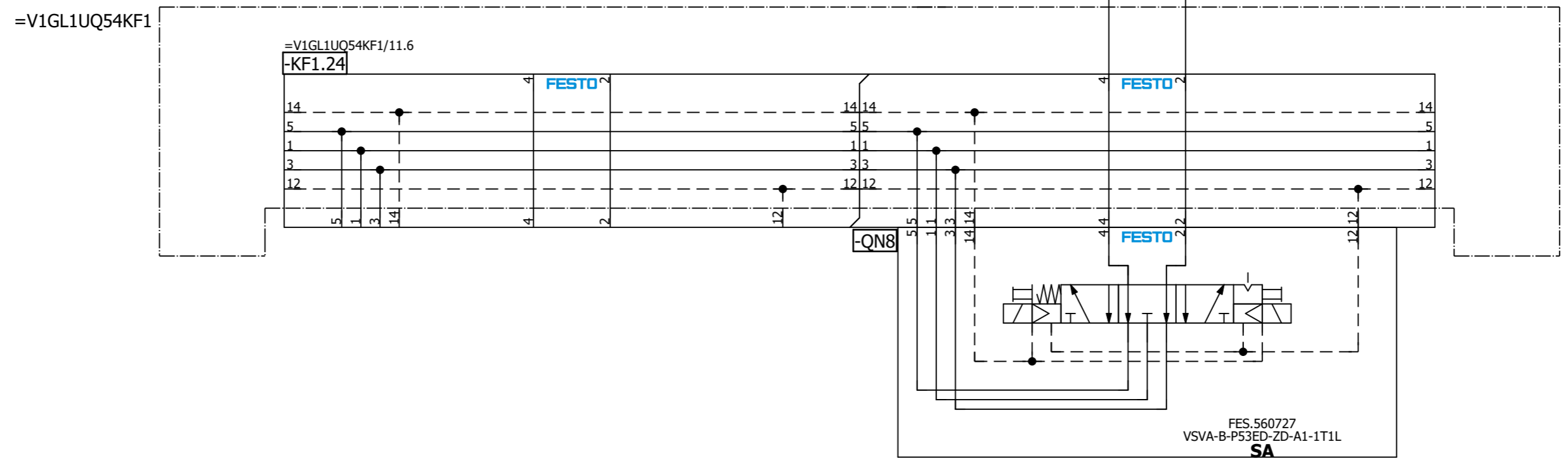
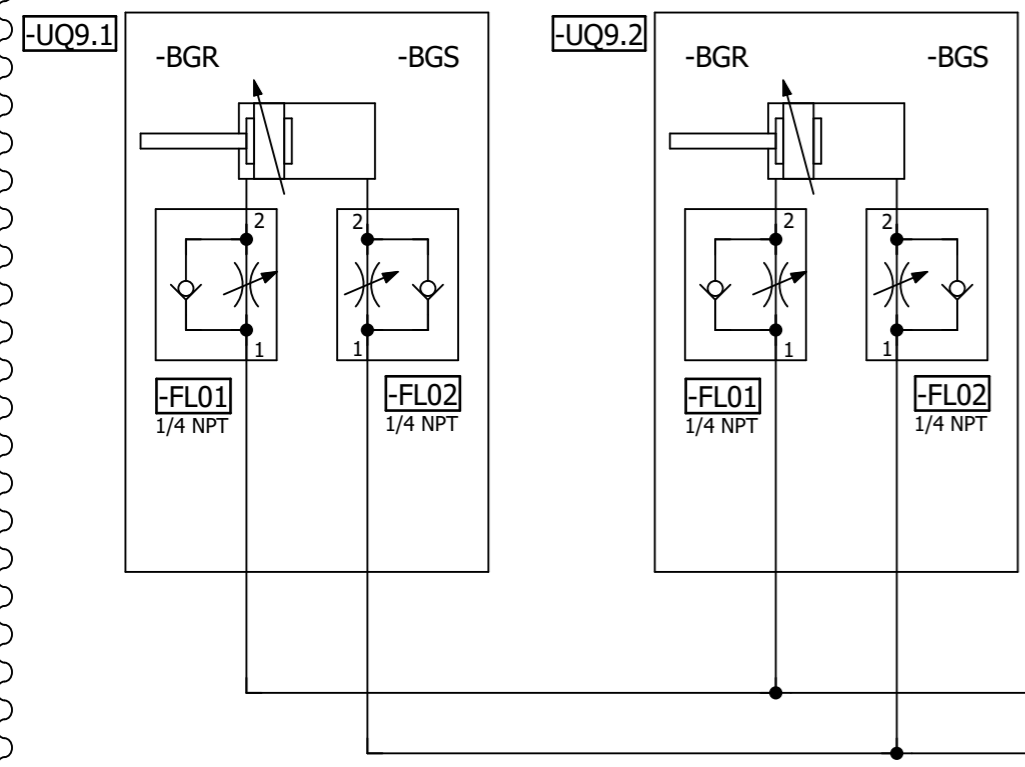
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Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									420



=V1GL1UQ54
-UQ8-QN25.1
Slide 8
(RST)

=V1GL1UQ54
-UQ8-QN25.2
Slide 8
(SET)

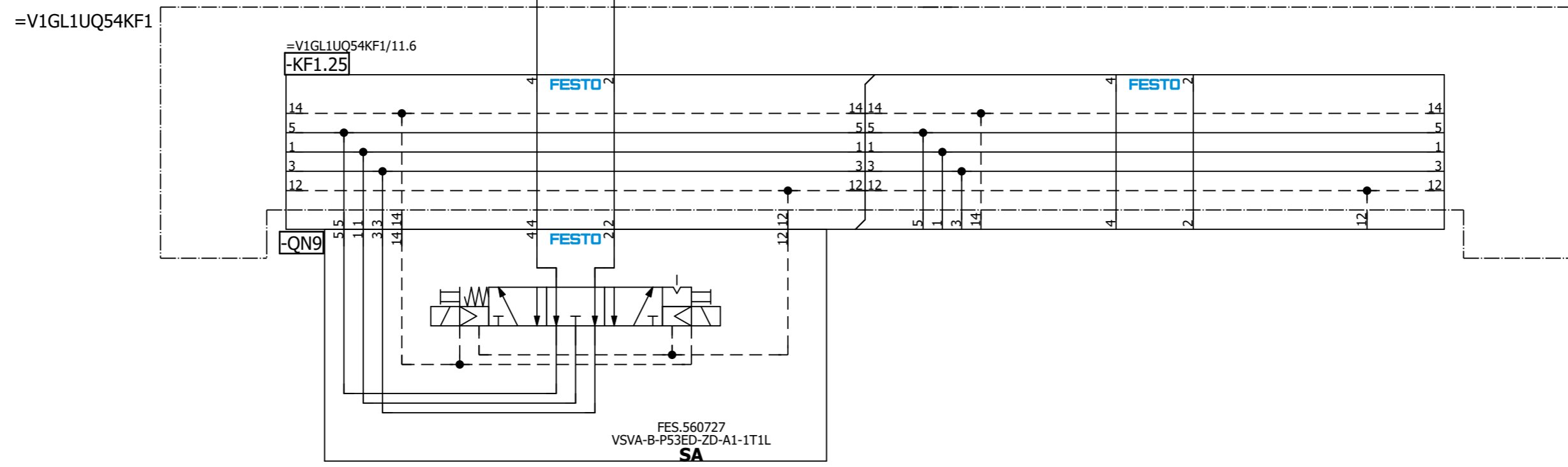
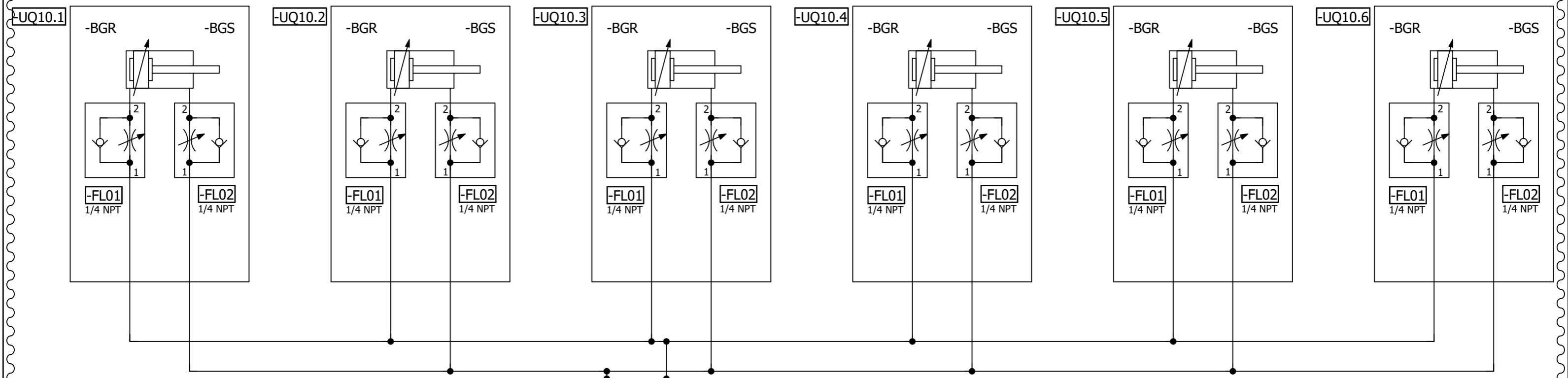
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL1UQ54
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									420



=V1GL1UQ54
-UQ9-QN8.1
Shot Pins 9
(RST)

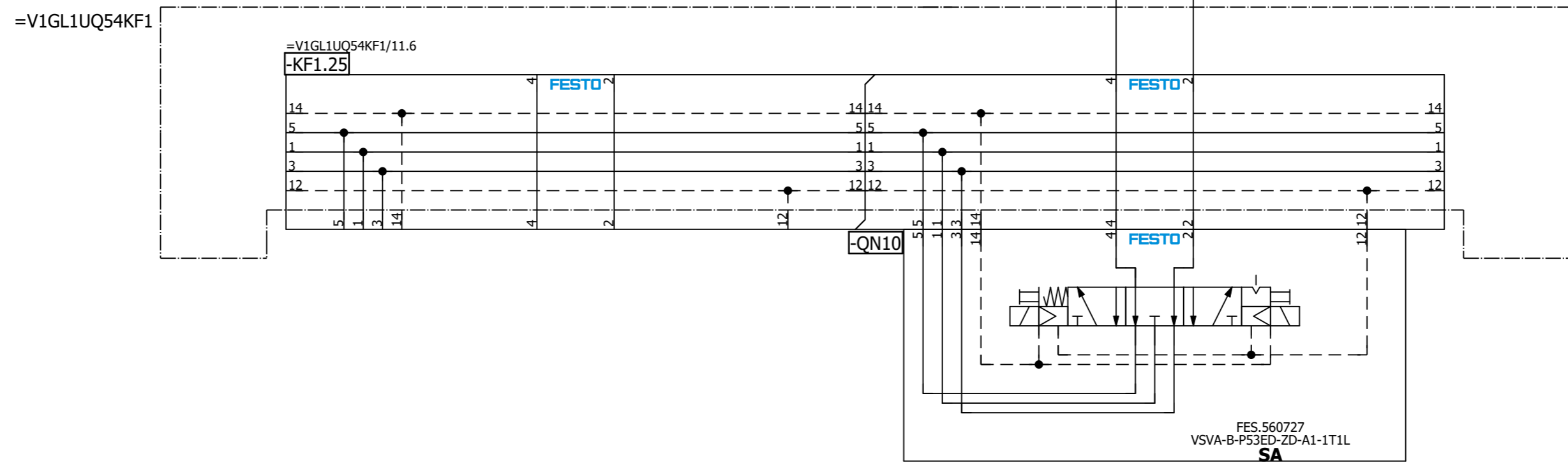
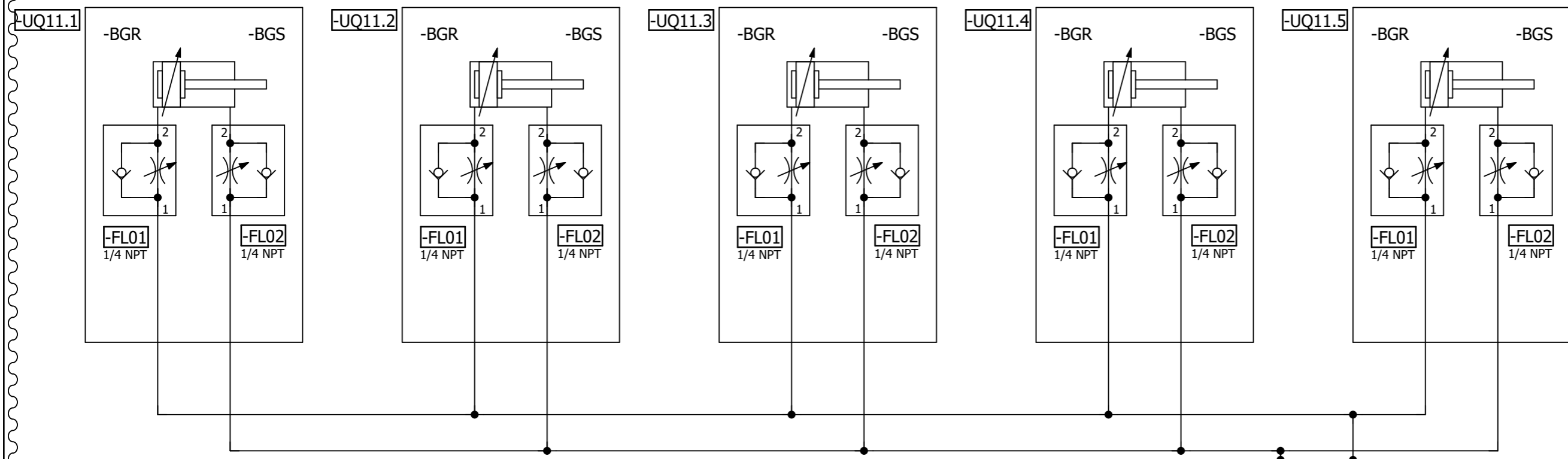
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-UQ9-QN8.2
Shot Pins 9
(SET)

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Ed.: MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS	
Appr:		Replacement of		Replaced by		Project nr: 22-16150		Page 1	
Original								420	



=V1GL1UQ54
-UQ10-QN9.1
Clamps 10
(RST)

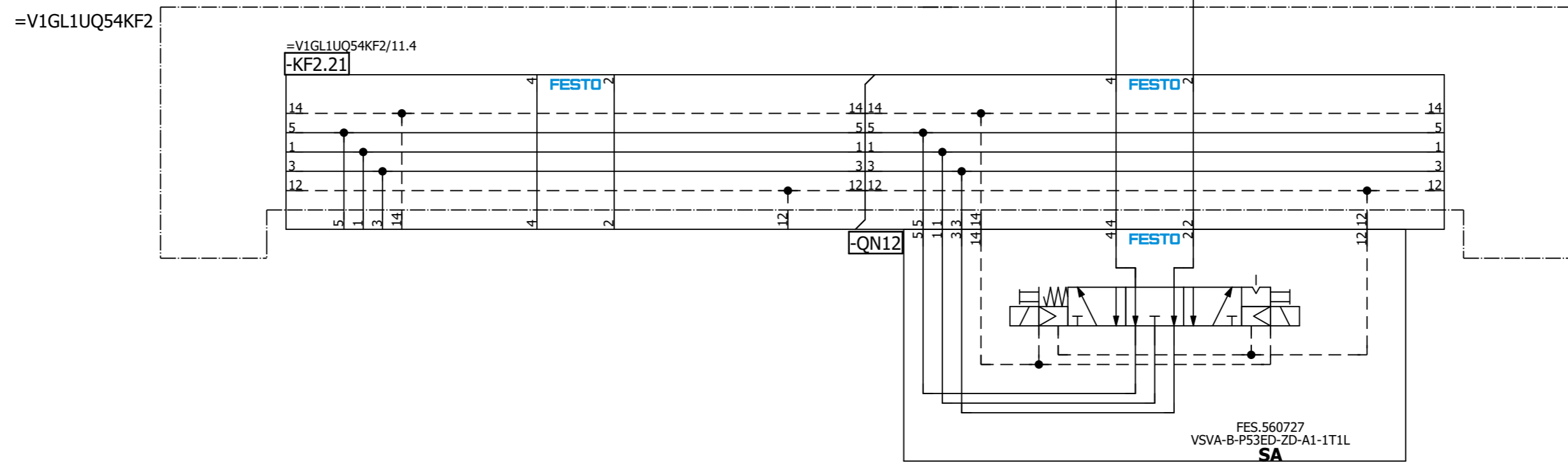
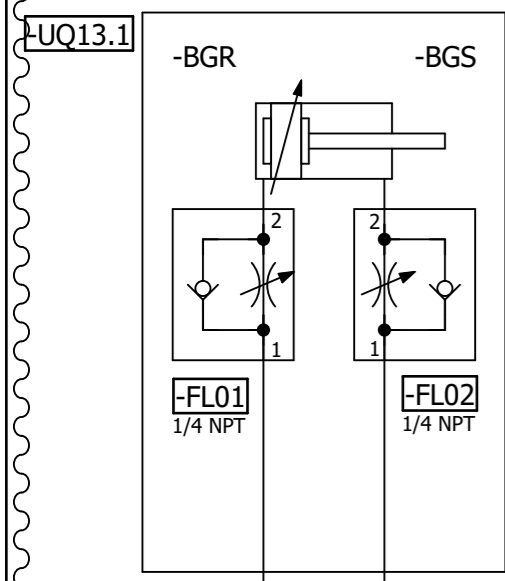
=V1GL1UQ54
-UQ10-QN9.2
Clamps 10
(SET)



=V1GL1UQ54
-UQ11-QN10.1
Clamps 11
(RST)

=V1GL1UQ54
-UQ11-QN10.2
Clamps 11
(SET)

Date: 1/10/2023		Volvo Trucks North America		Valiant TMS		Clamps 11		Drawing name: =2V10&MFS-PNEU		= V1GL1UQ54UQ11	
Ed.: MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Appr:		Replacement of		Replaced by				Page: 1		420	
Modification	Date	Name	Original								



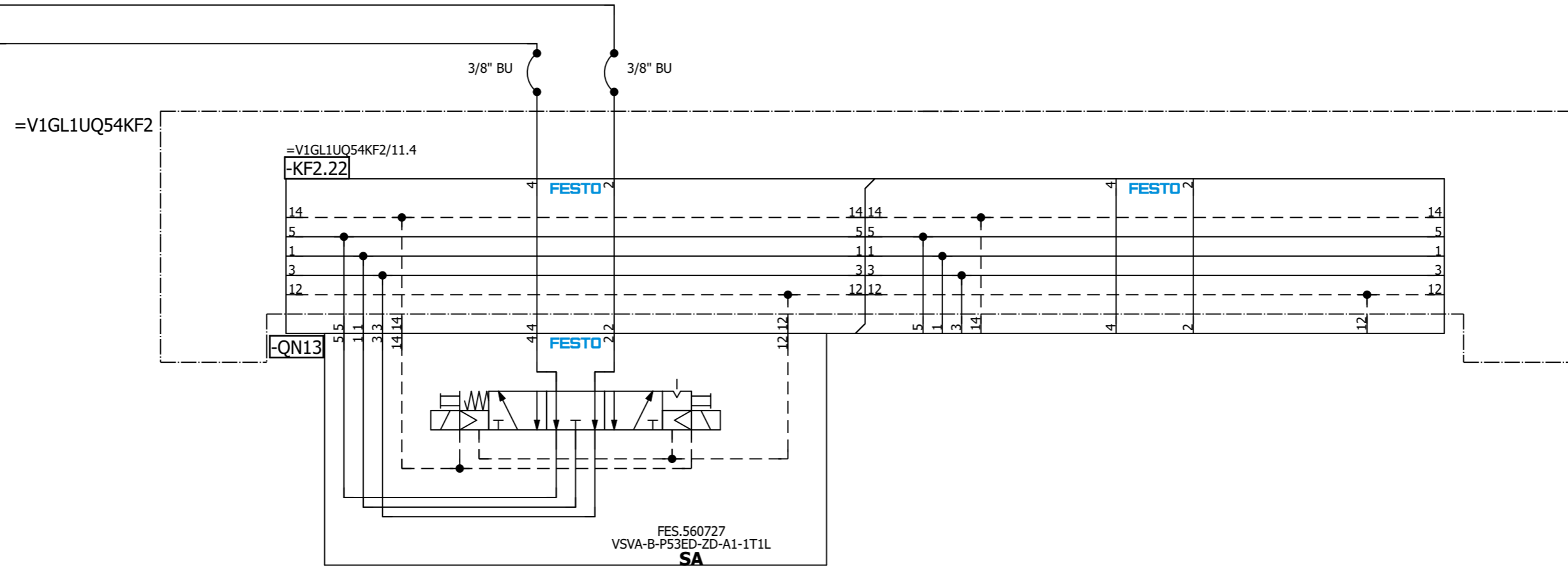
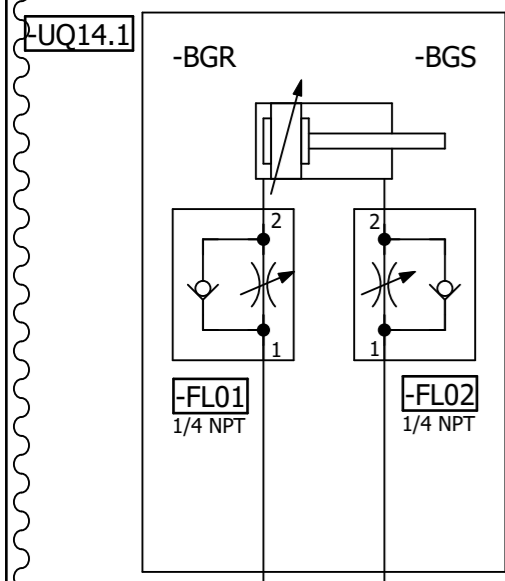
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-UQ13-QN12.1
Clamp 13
(RST)

=V1GL1UQ54
-UQ13-QN12.2
Clamp 13
(SET)

=V1GL1UQ54UQ12/1

=V1GL1UQ54UQ14/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 13	Drawing name:	= V1GL1UQ54UQ13	
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU	= V1GL1UQ54	
			Appr		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original						MFS	22-16150	1
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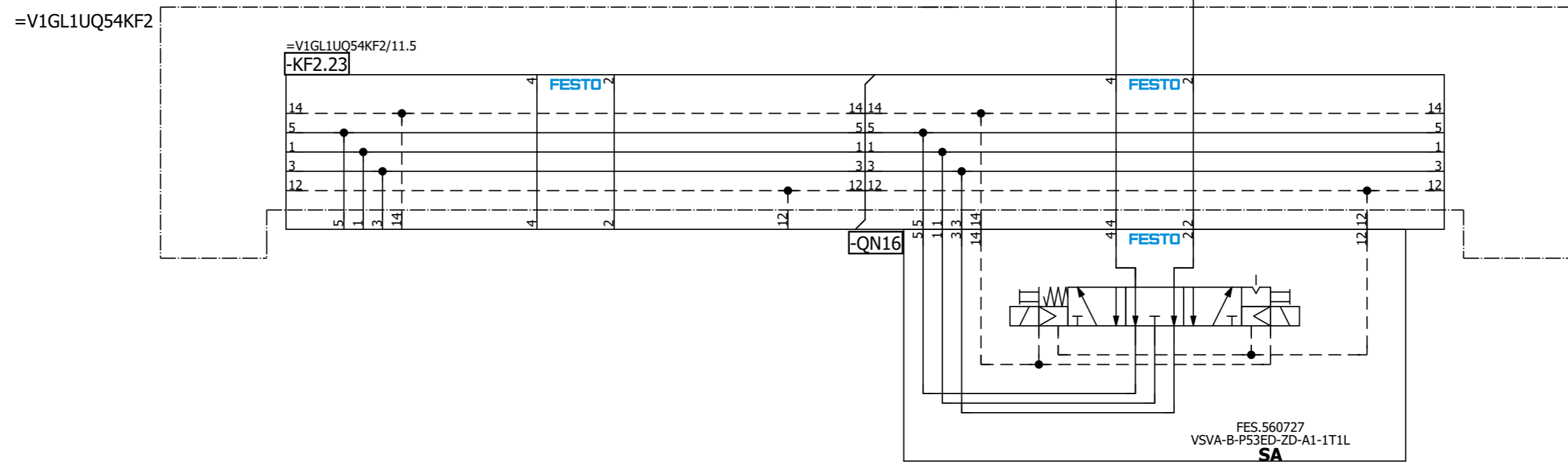
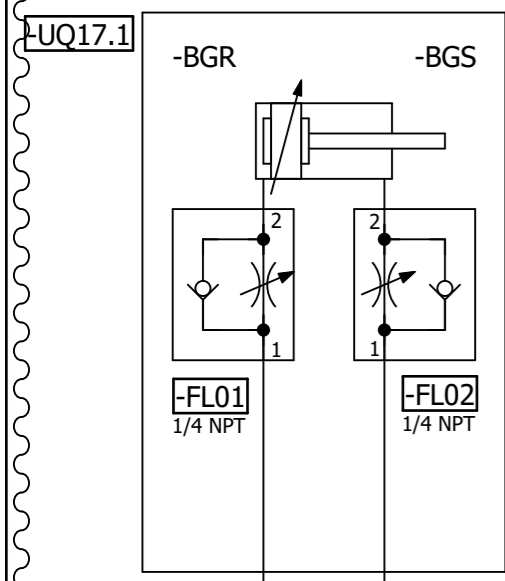
=V1GL1UQ54
-UQ14-QN13.1
Clamp 14
(RST)

=V1GL1UQ54
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Clamp 14
(SET)

=V1GL1UQ54UQ13/1

=V1GL1UQ54UQ15/1

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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU	+ V1GL1UQ54	
Modification	Date	Name	Appr	Original	Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
									MFS	22-16150	1
											420



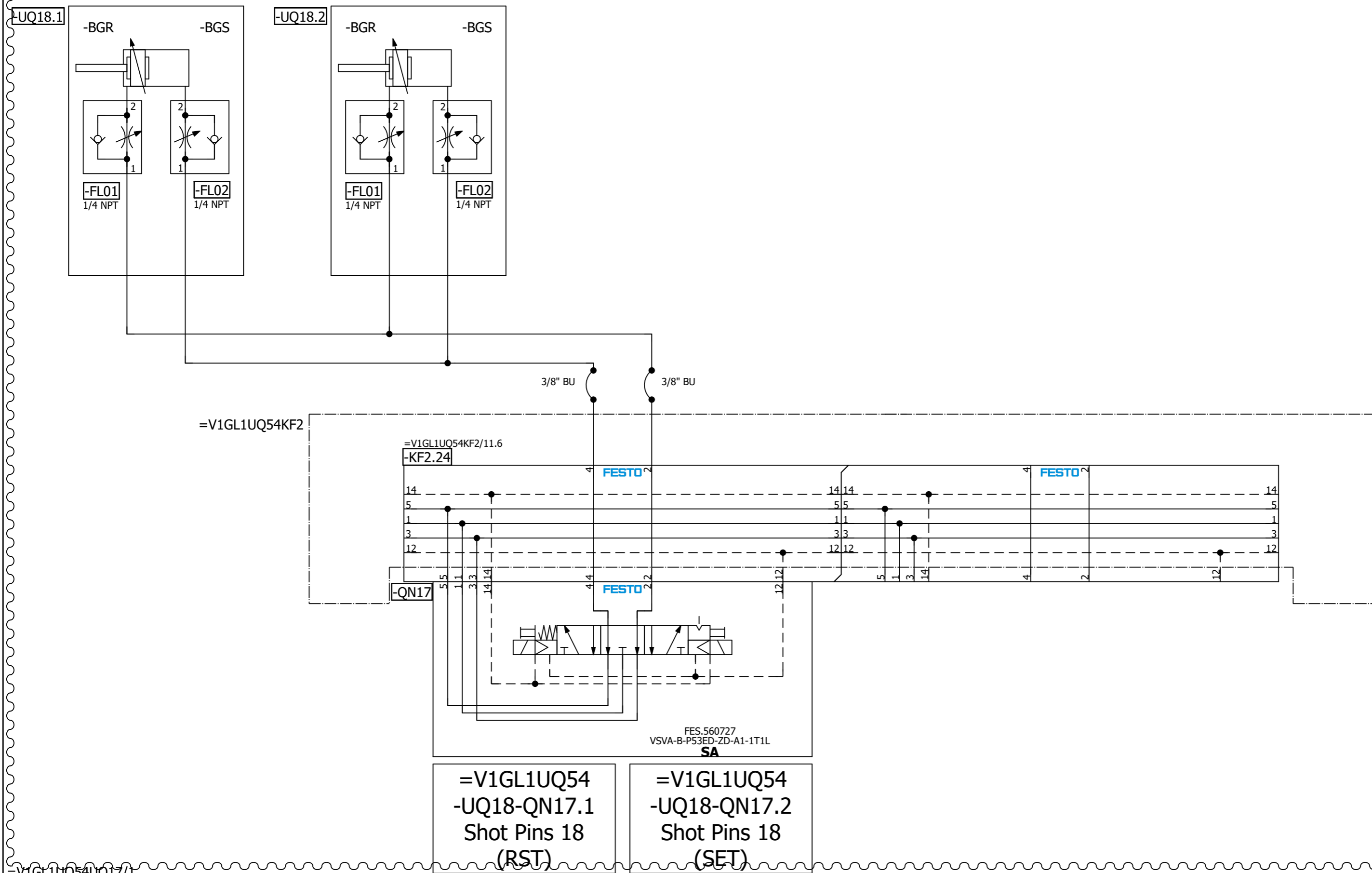
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-UQ17-QN16.1
Clamp 17
(RST)

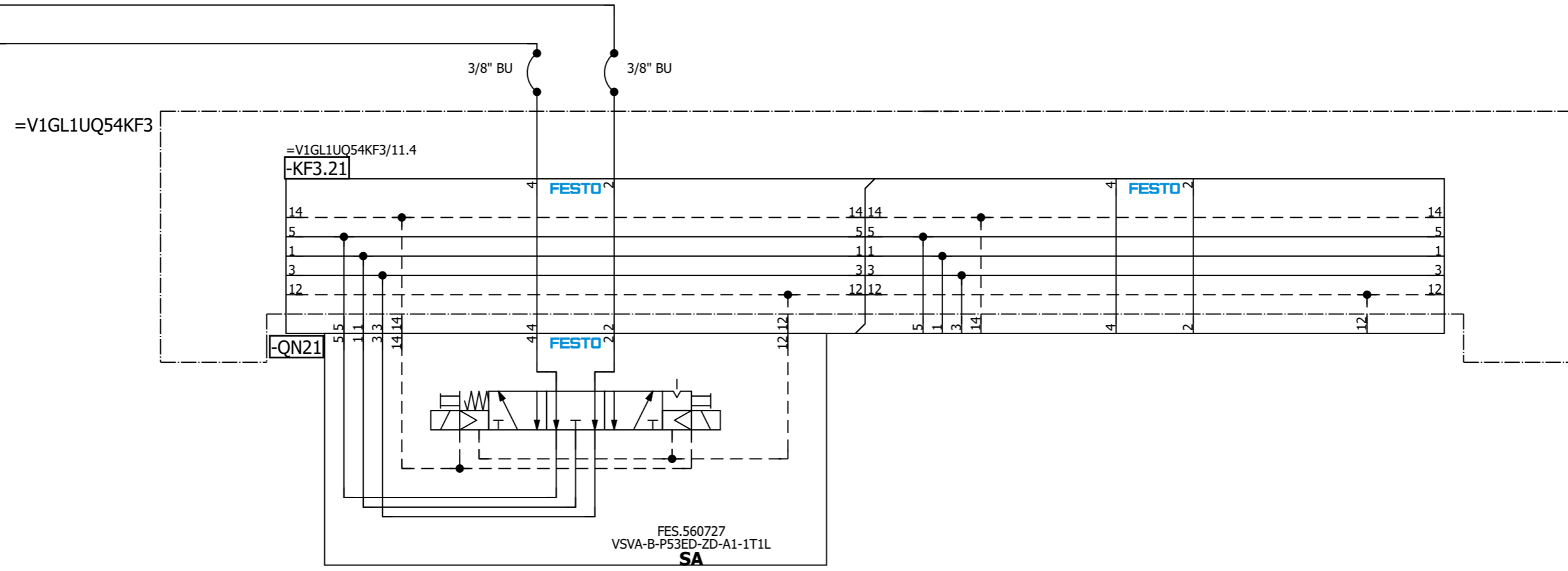
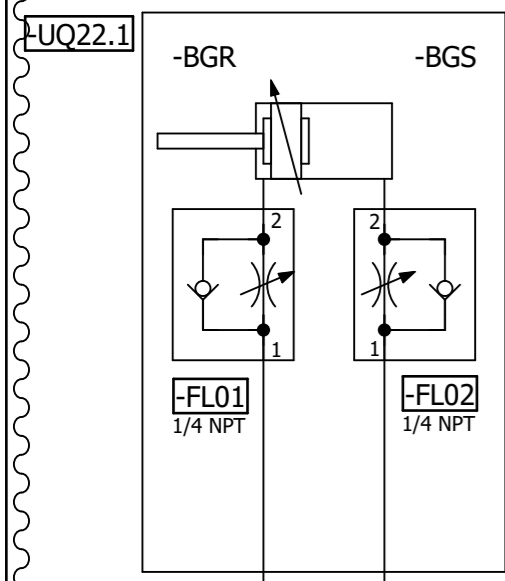
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Clamp 17
(SET)

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=V1GL1UQ54UQ18/1

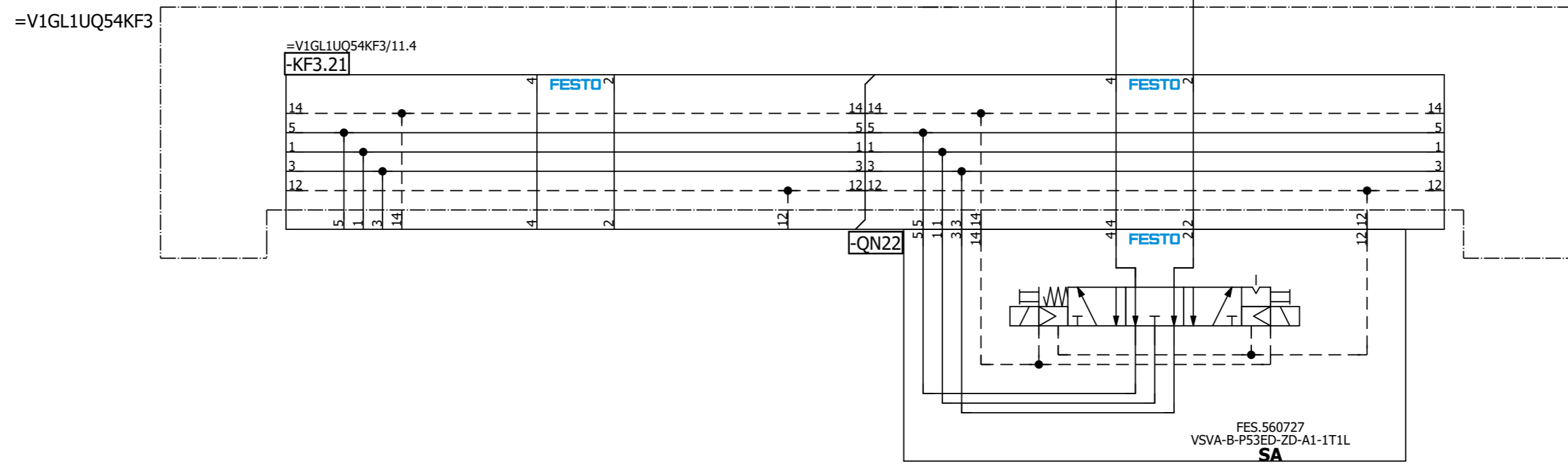
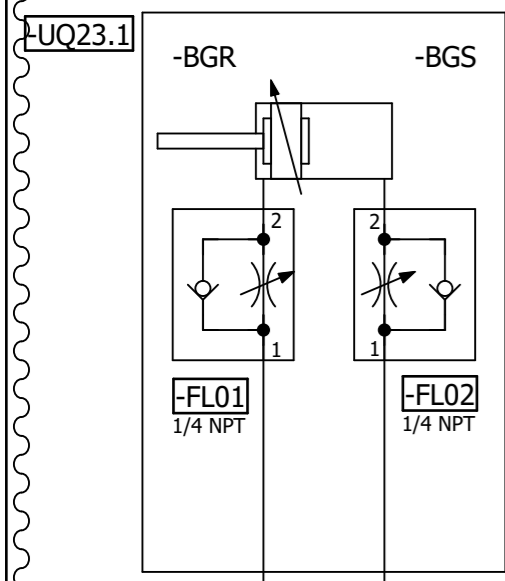
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			Appr		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original						MFS	22-16150	1
											420





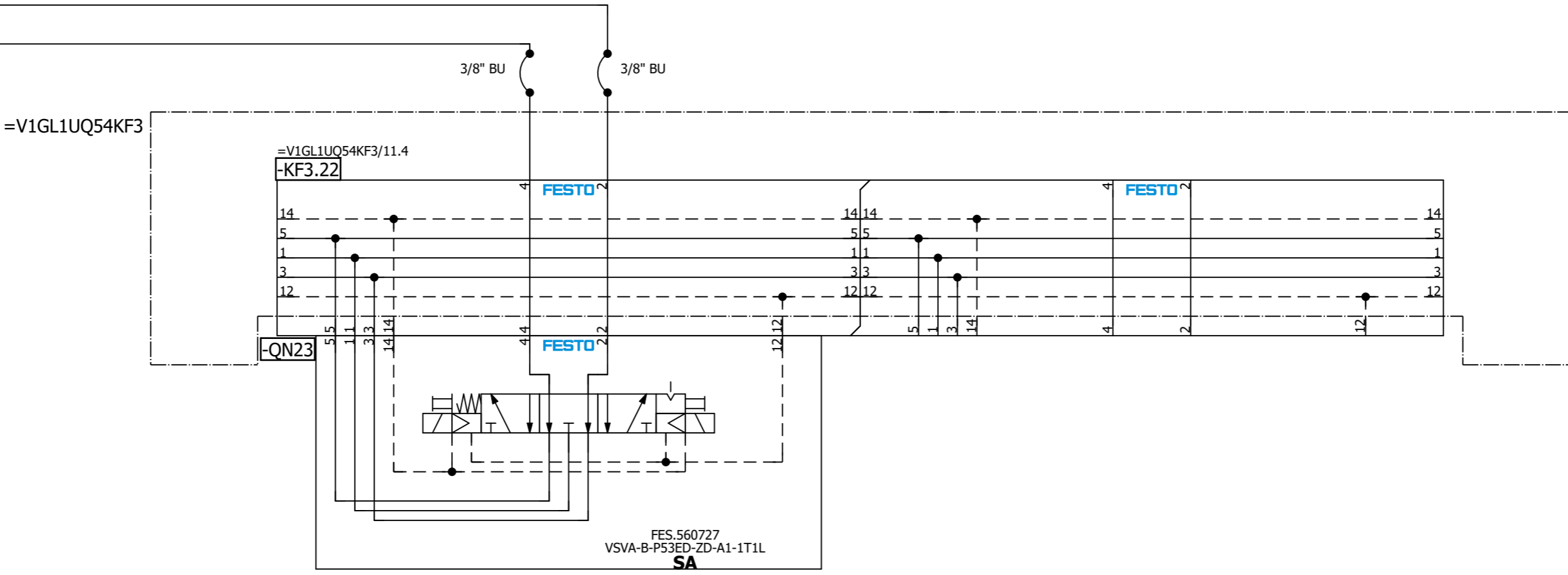
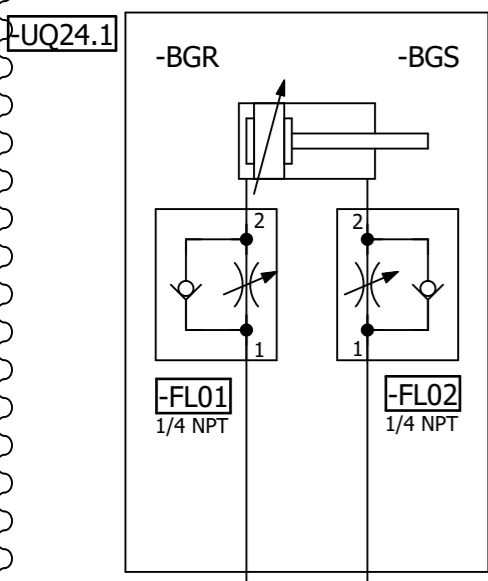
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-UQ22-QN21.1
Shot Pin 22
(RST)

=V1GL1UQ54
-UQ22-QN21.2
Shot Pin 22
(SET)



=V1GL1UQ54
-UQ23-QN22.1
Shot Pin 23
(RST)

=V1GL1UQ54
-UQ23-QN22.2
Shot Pin 23
(SET)



=V1GL1UQ54
-UQ24-QN23.1
Clamp 24
(RST)

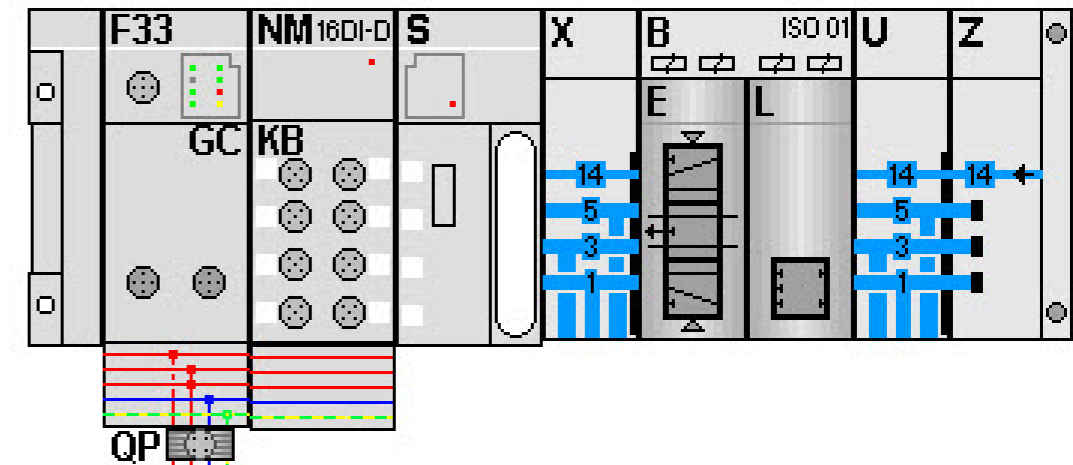
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-UQ24-QN23.2
Clamp 24
(SET)

=V1GL1UQ54UQ23/1

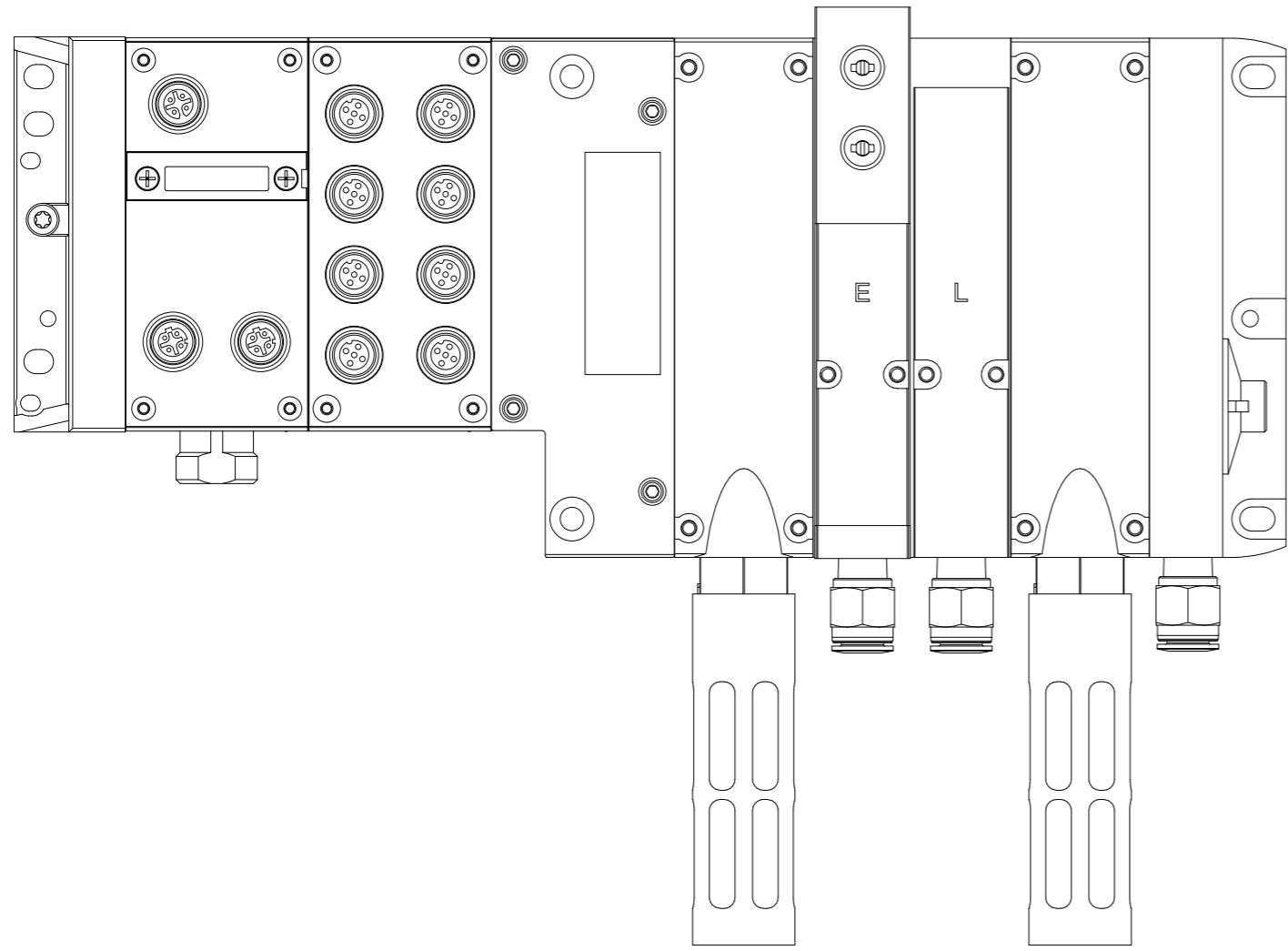
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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			Document type:		= 2V10&MFS-PNEU		
			Appr.		Replacement of		Scale 1:1	Project nr:		22-16150		
Modification	Date	Name	Original		Replaced by			Document type:		MFS		Page
											420	

M1



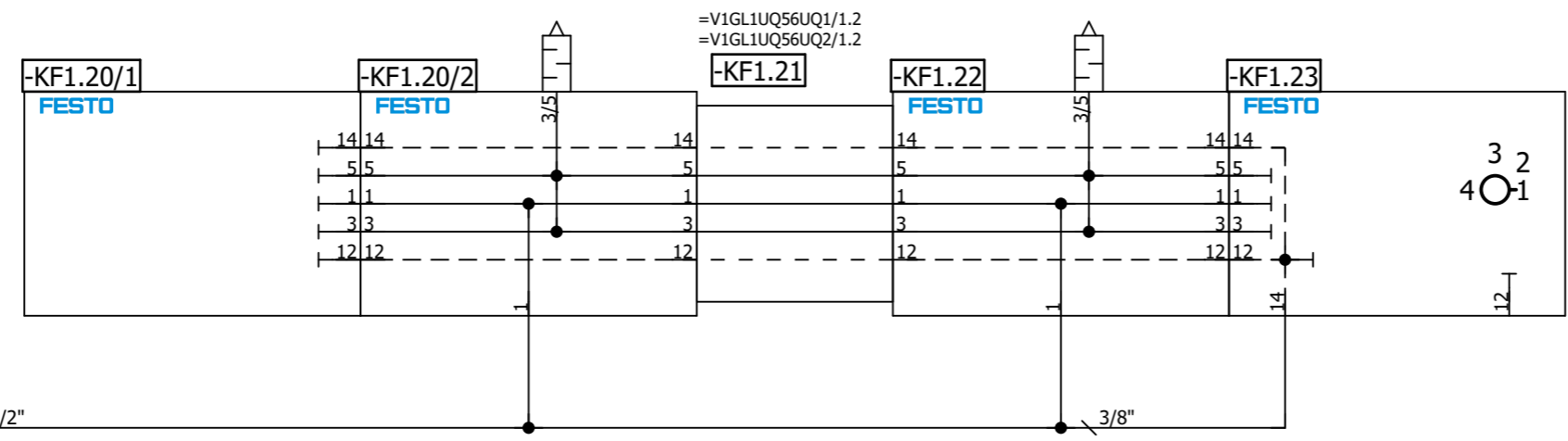
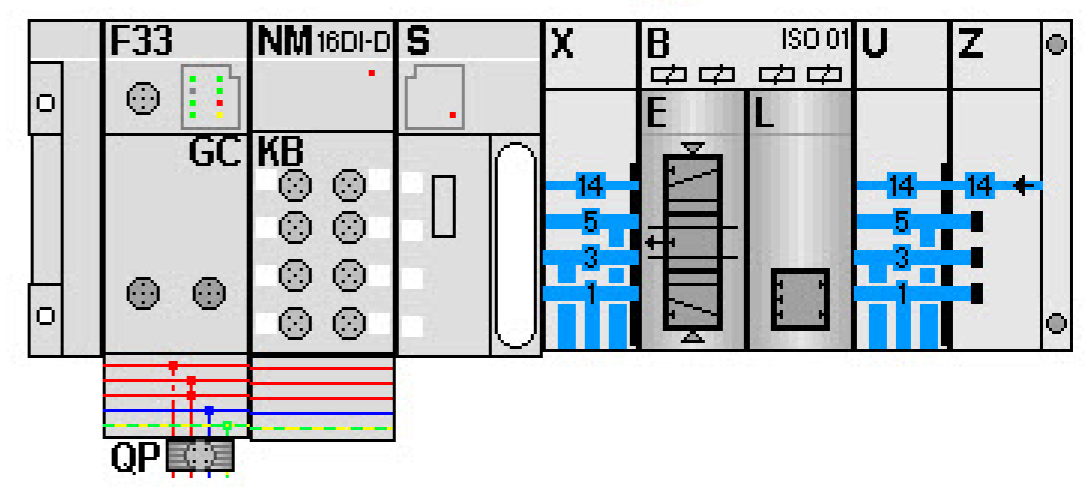
KF1.0



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Volvo Trucks North America		Valiant TMS		AIR SUPPLY CONFIGURATION		Drawing name: =2V10&MFS-PNEU		= V1GL1UQ56KF1 + V1GL1UQ56	
Date: 1/10/2023		Ed.: MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Document type: MFS		Project nr: 22-16150	
Appr:		Original		Replacement of		Replaced by		Page 5	
Modification		Date		Name		Scale 1:1		Page 420	

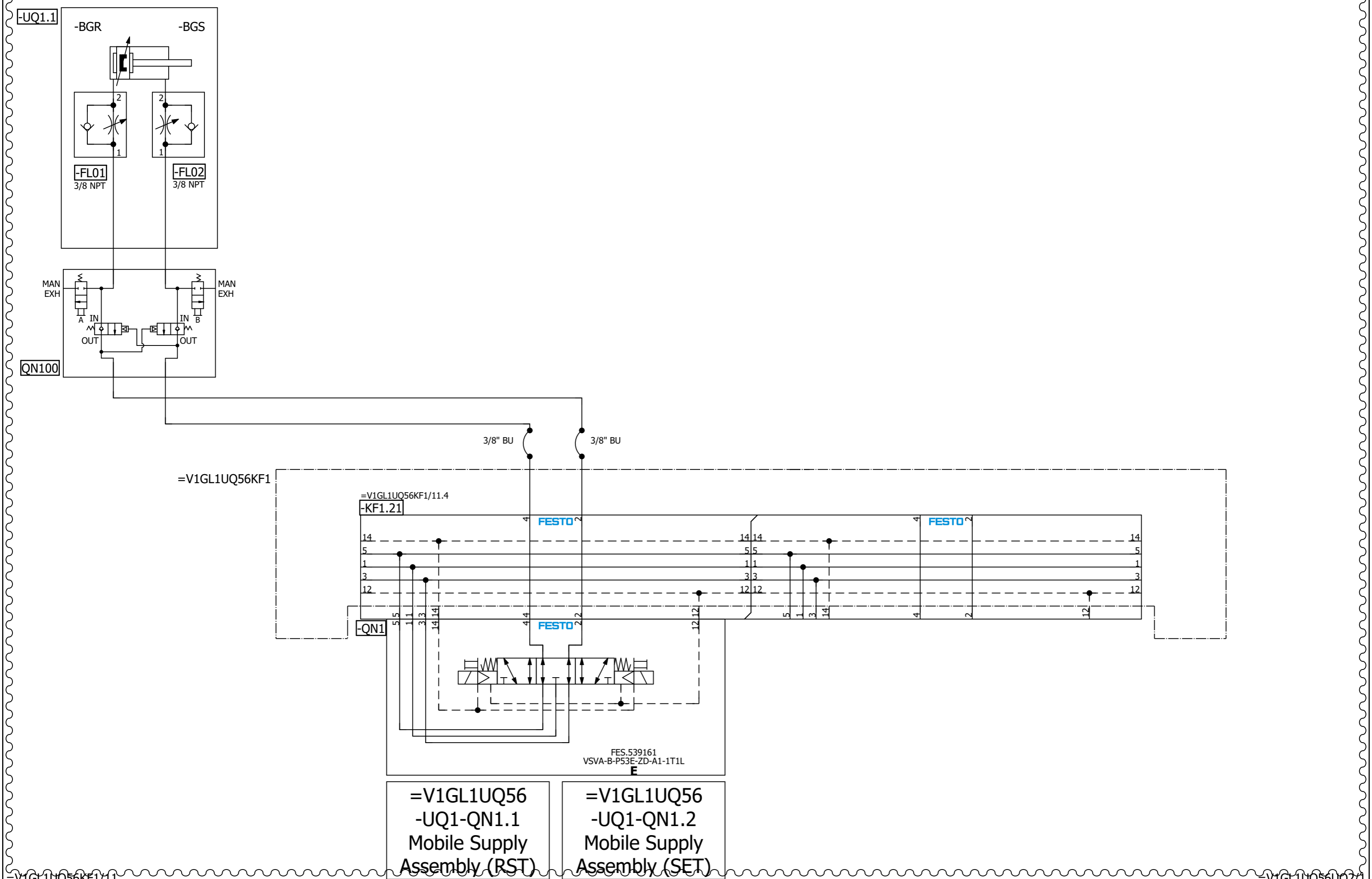
M1



=V1GL1+KH1/1.6 / P1

=V1GL1UQ56UQ1/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1GL1UQ56KF1
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL1UQ56
Appr.			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		11
									420



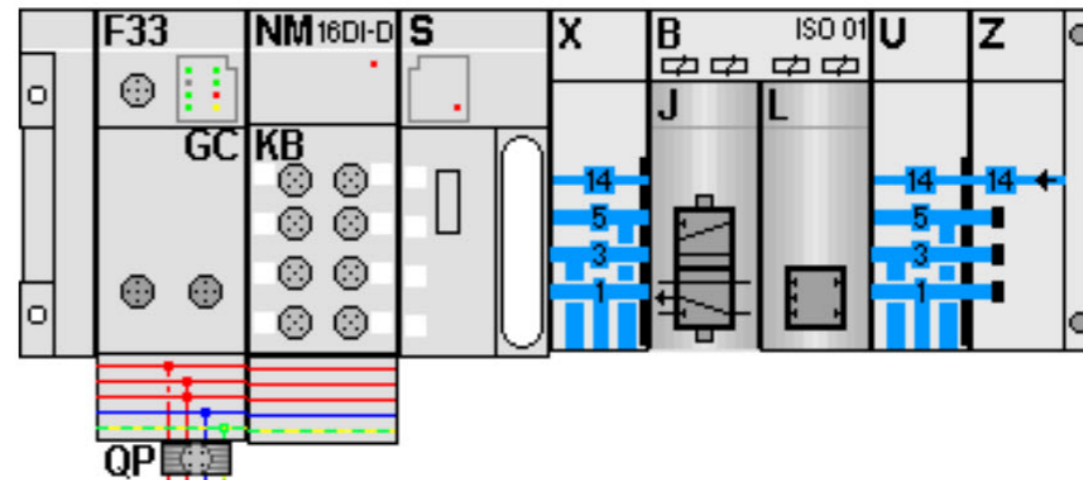
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-UQ1-QN1.1
Mobile Supply
Assembly (RST)**

**=V1GL1UQ56
-UQ1-QN1.2
Mobile Supply
Assembly (SET)**

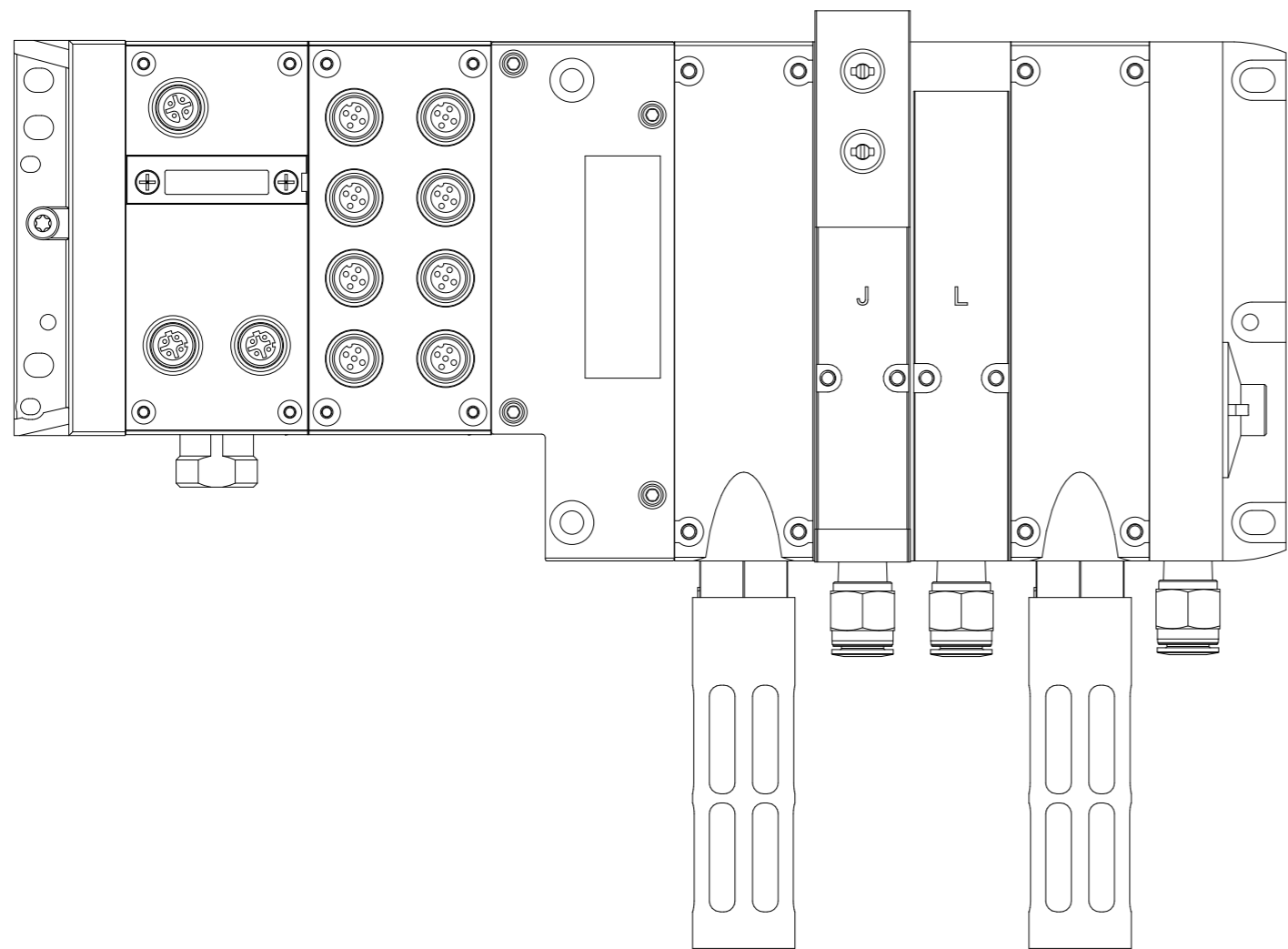
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		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			=2V10&MFS-PNEU		+ V1GL1UQ56			
Modification	Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Document type:	MFS	Project nr:	22-16150	Page	1
											420	

=V1GL1UQ56UQ2/1

M1



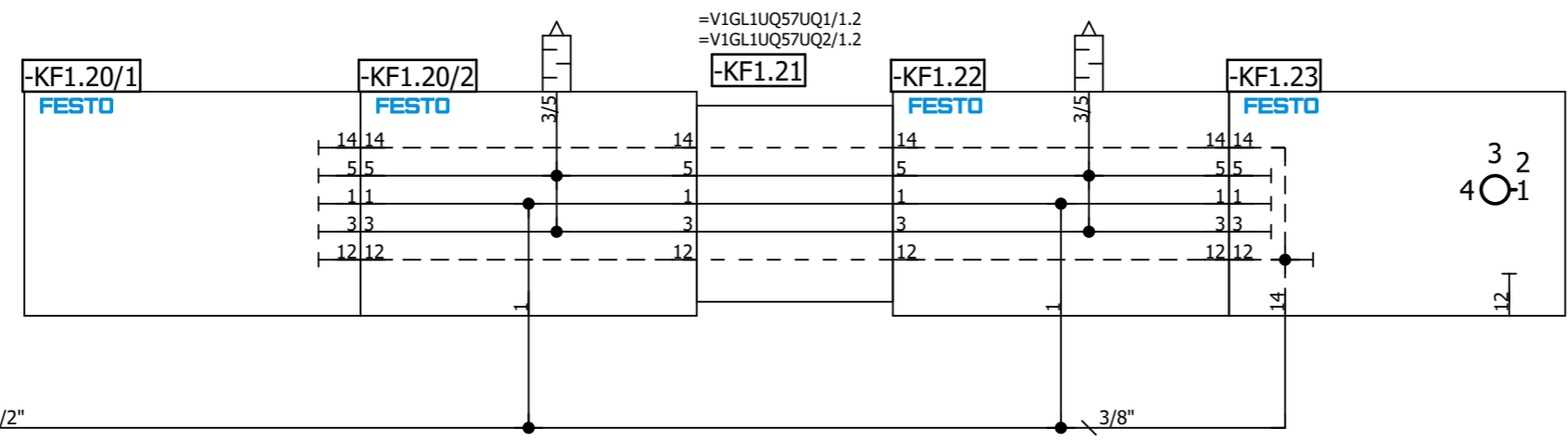
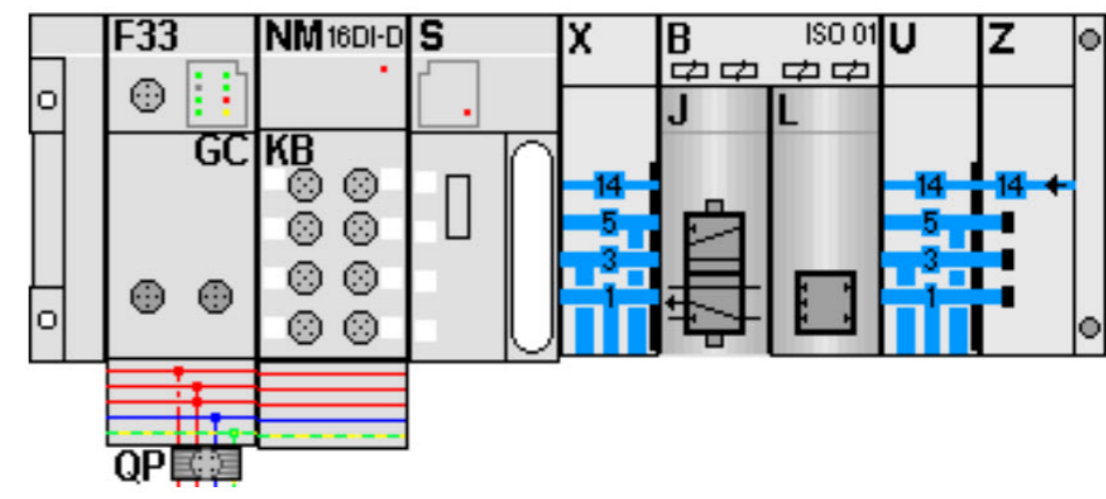
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Volvo Trucks North America		Valiant TMS		AIR SUPPLY CONFIGURATION		Drawing name: =2V10&MFS-PNEU		= V1GL1UQ57KF1 + V1GL1UQ57	
P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1		Document type: MFS		Project nr: 22-16150		Page 5	
Modification	Date	Name	Original	Replacement of	Replaced by			420	

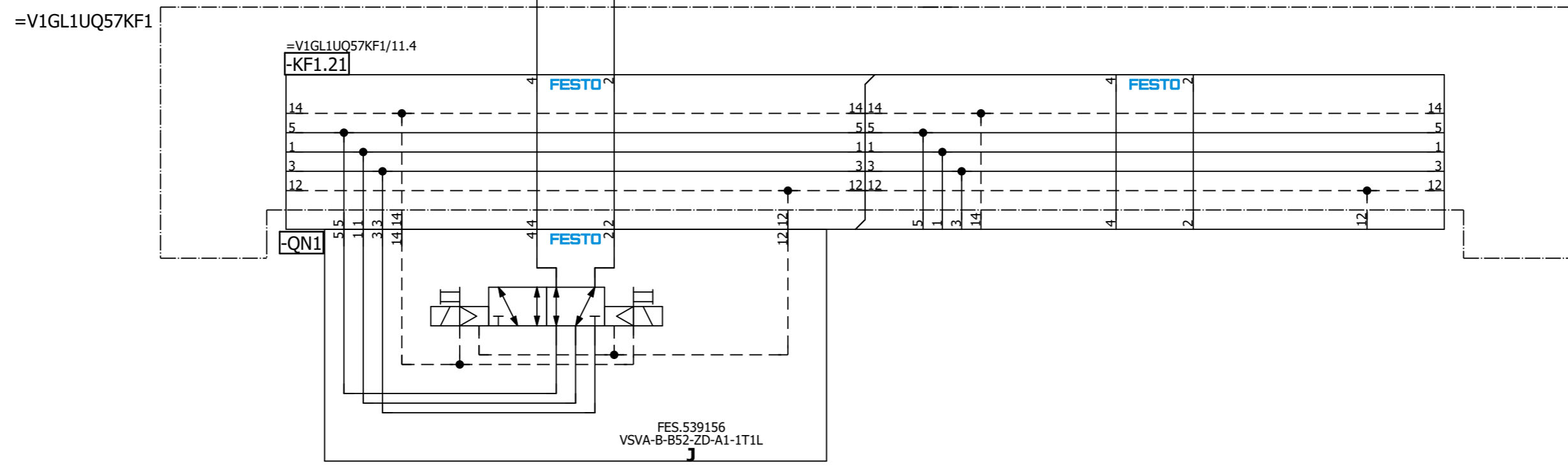
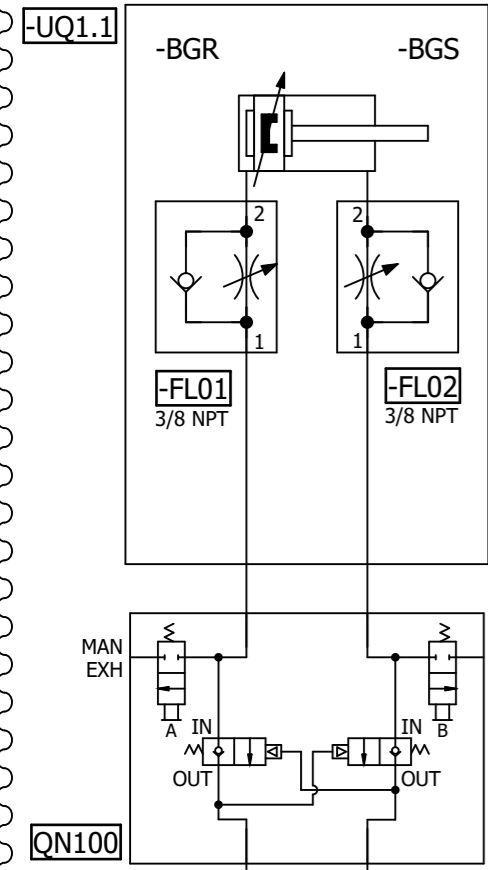
M1



=V1GL1+KH1/1.6 / P1

=V1GL1UQ57UQ1/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1GL1UQ57KF1
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL1UQ57
Appr			Replacement of		Scale 1:1	Document type:	Project nr:		Page 11
Original			Replaced by				MFS	22-16150	

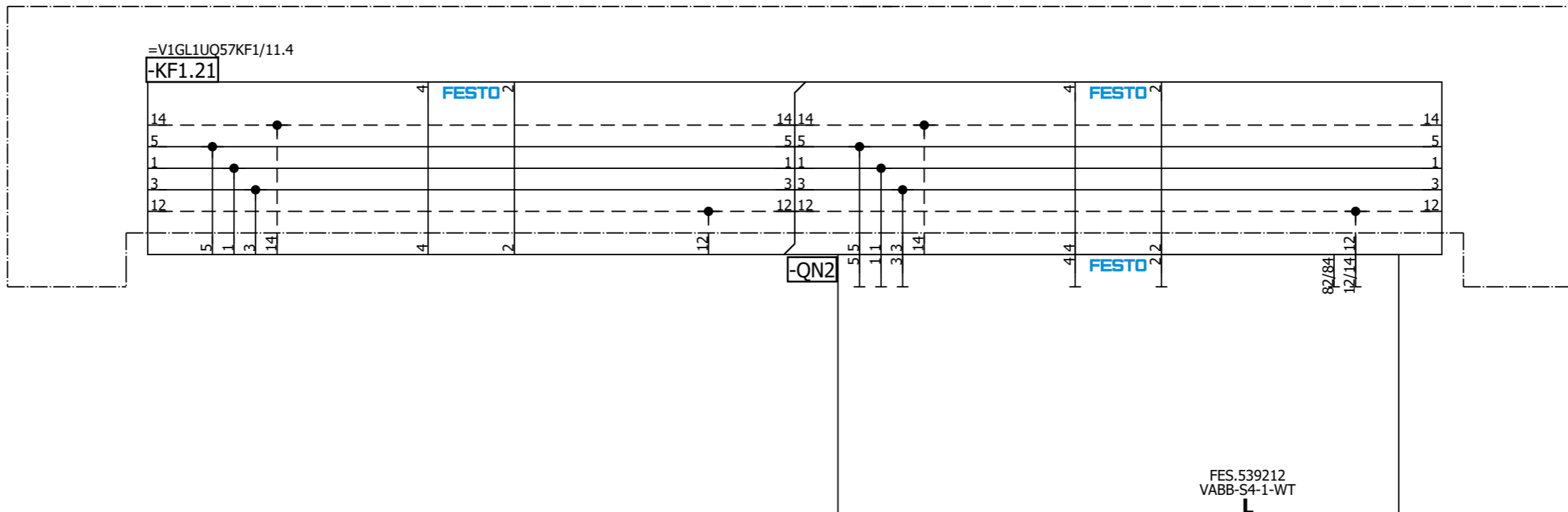


=V1GL1UQ57
-UQ1-QN1.1
Mobile Supply
Assembly (RST)

=V1GL1UQ57
-UQ1-QN1.2
Mobile Supply
Assembly (SET)

Date: 1/10/2023		Volvo Trucks North America		Valiant TMS		Mobile Supply Assembly		Drawing name: =V1GL1UQ57UQ1 + V1GL1UQ57	
Ed.: MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1		Document type: MFS		Project nr: 22-16150	
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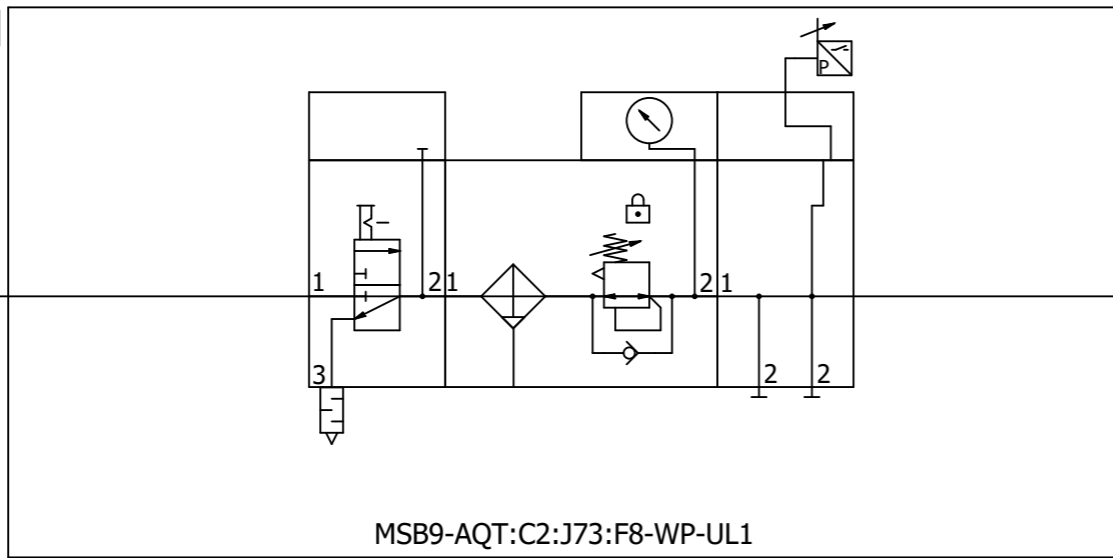
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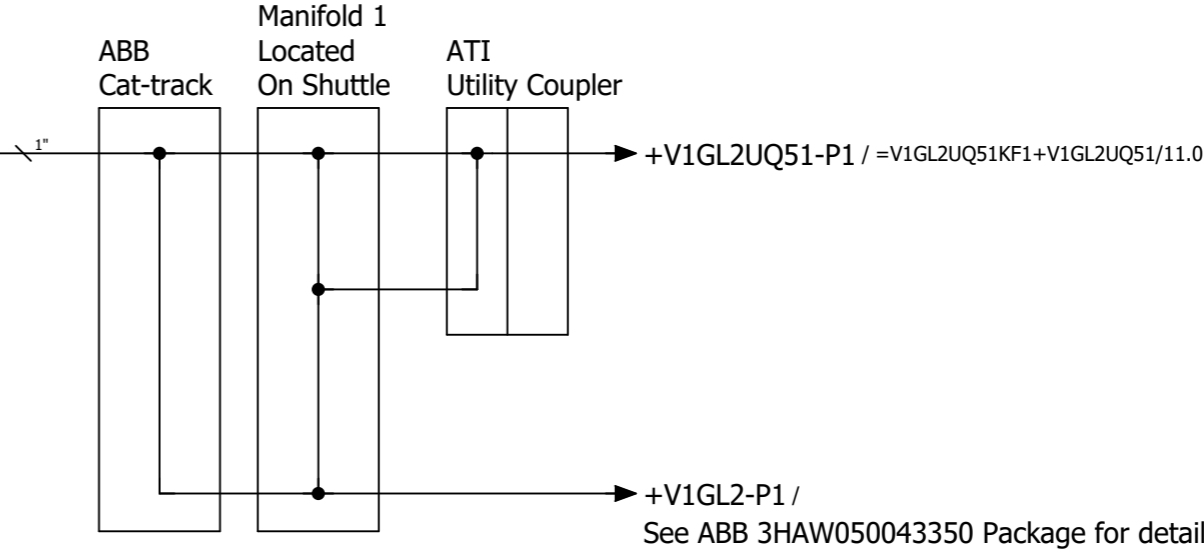
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		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					Document type:		+ V1GL1UQ57		
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1		MFS	Project nr:	22-16150	Page	1
												420	

A2

=KH0+KH0/1.7 / +V1GL2KH1-P1



MSB9-AQT:C2:J73:F8-WP-UL1



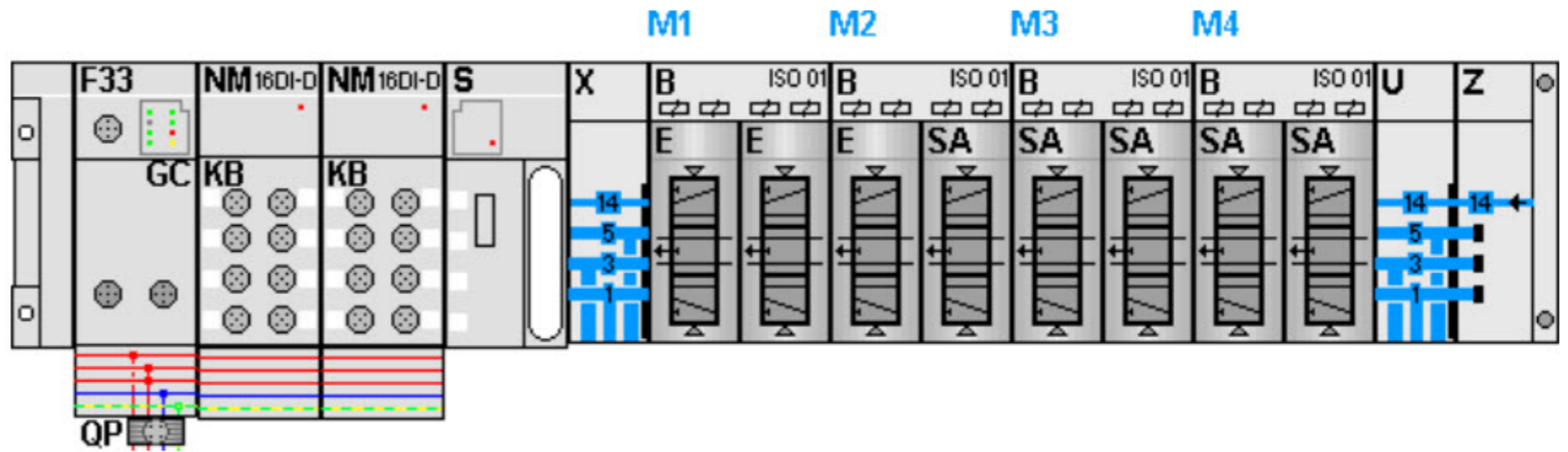
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+V1GL2-P1 /
See ABB 3HAW050043350 Package for details.

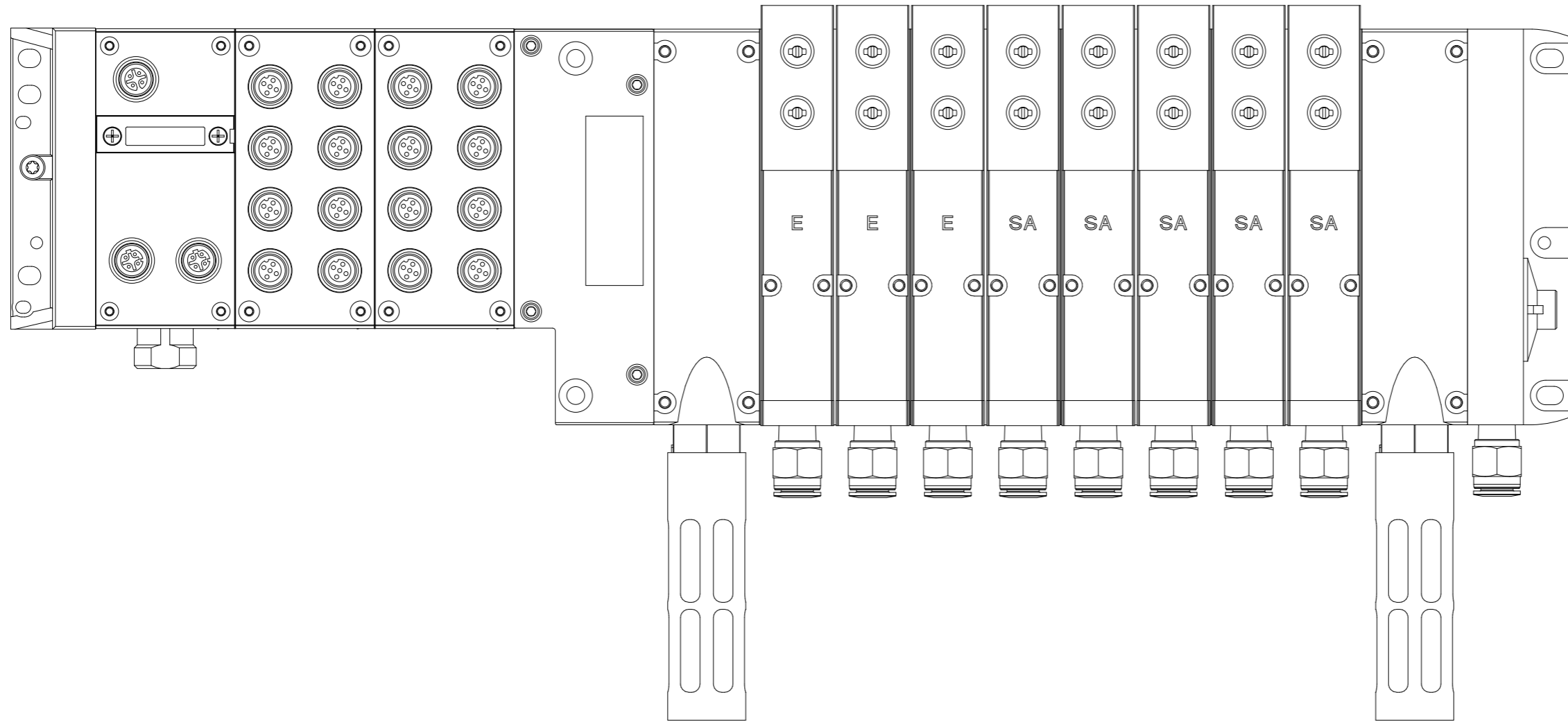
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Date		1/10/2023		Volvo Trucks North America		Valiant TMS		Incoming air supply (Shuttle)		Drawing name:		= V1GL2	
Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		= 2V10&MFS-PNEU	
Appr.				Replacement of		Replaced by				Project nr:		+ KH1	
Modification		Date		Name		Original				MFS		22-16150	
											Page	1	
												420	

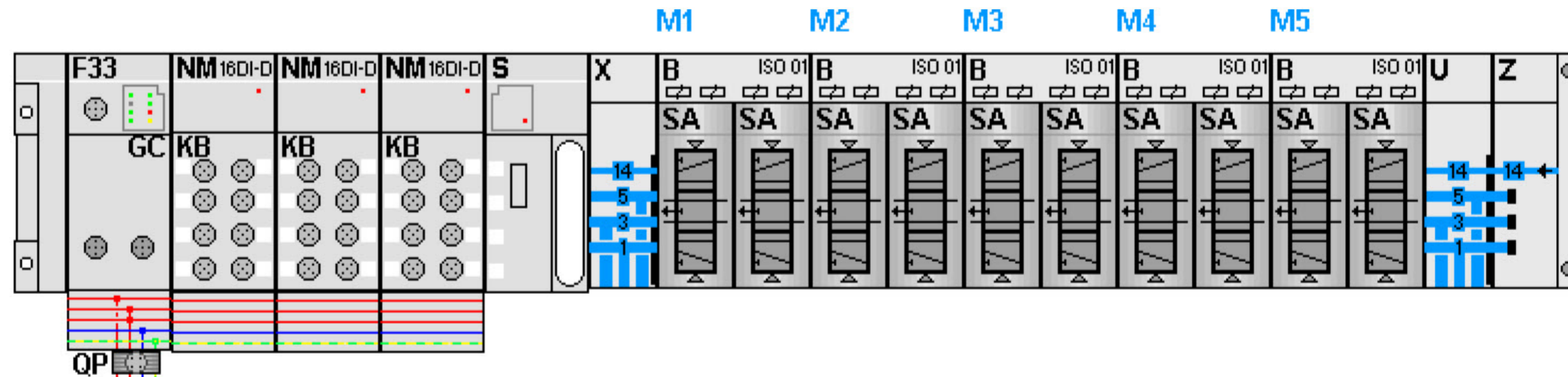


KF1.0

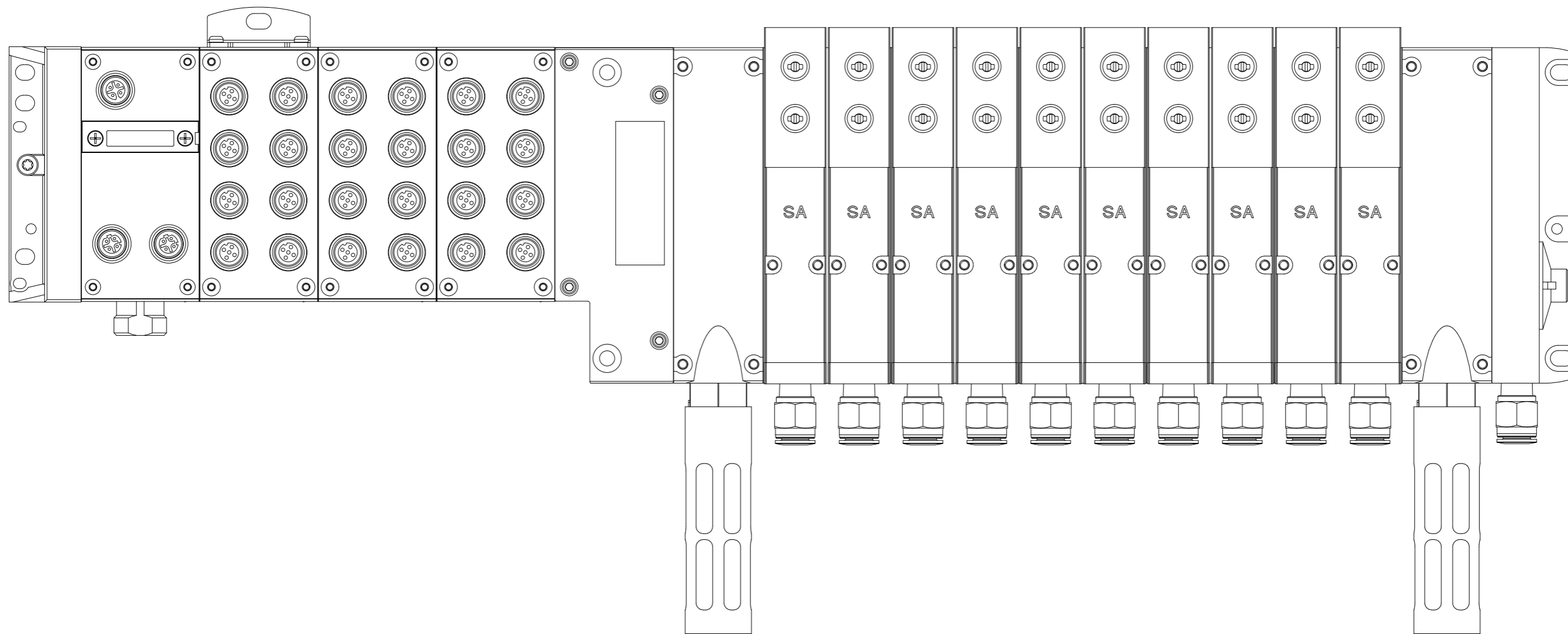


=V1GL2+KH1/1

Volvo Trucks North America		Valiant TMS		AIR SUPPLY CONFIGURATION		Drawing name: =2V10&MFS-PNEU		= V1GL2UQ51KF1 + V1GL2UQ51	
P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1		Document type: MFS		Project nr: 22-16150		Page 5	
Modification	Date	Name	Original	Replacement of	Replaced by			420	



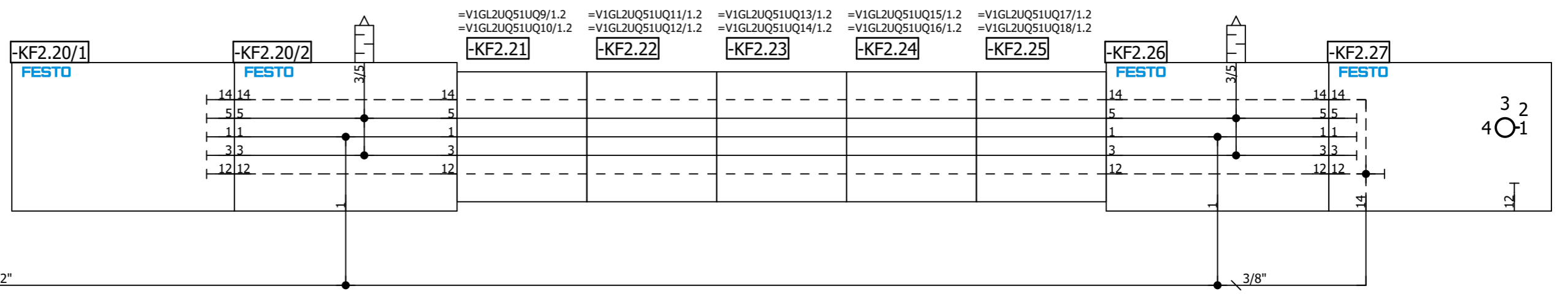
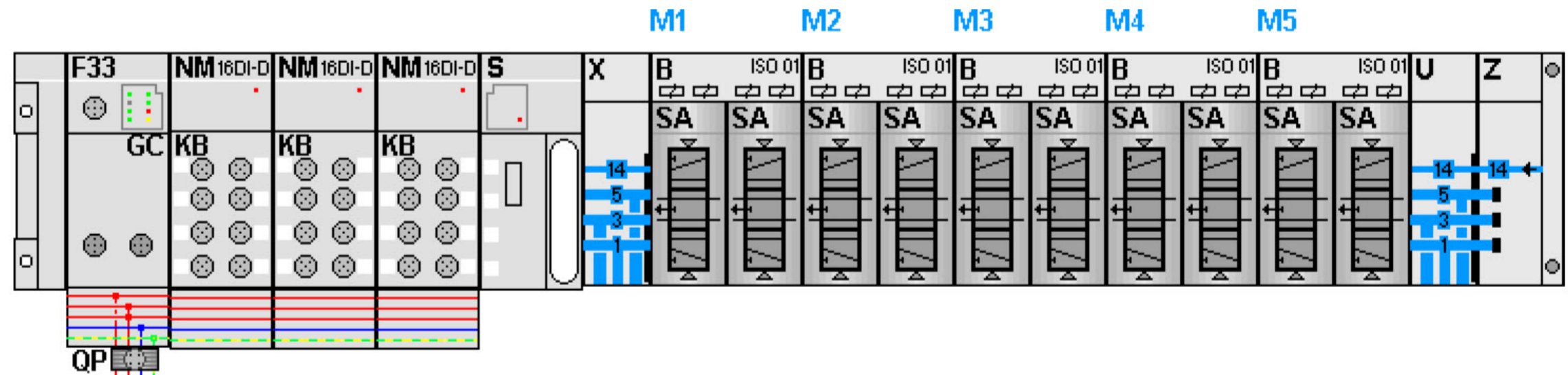
KF2.0



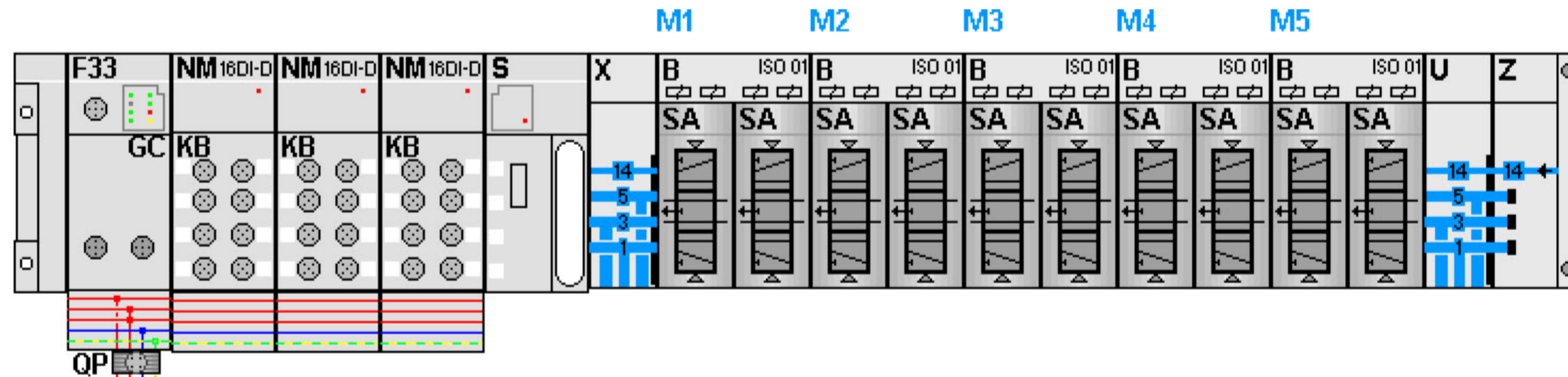
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11

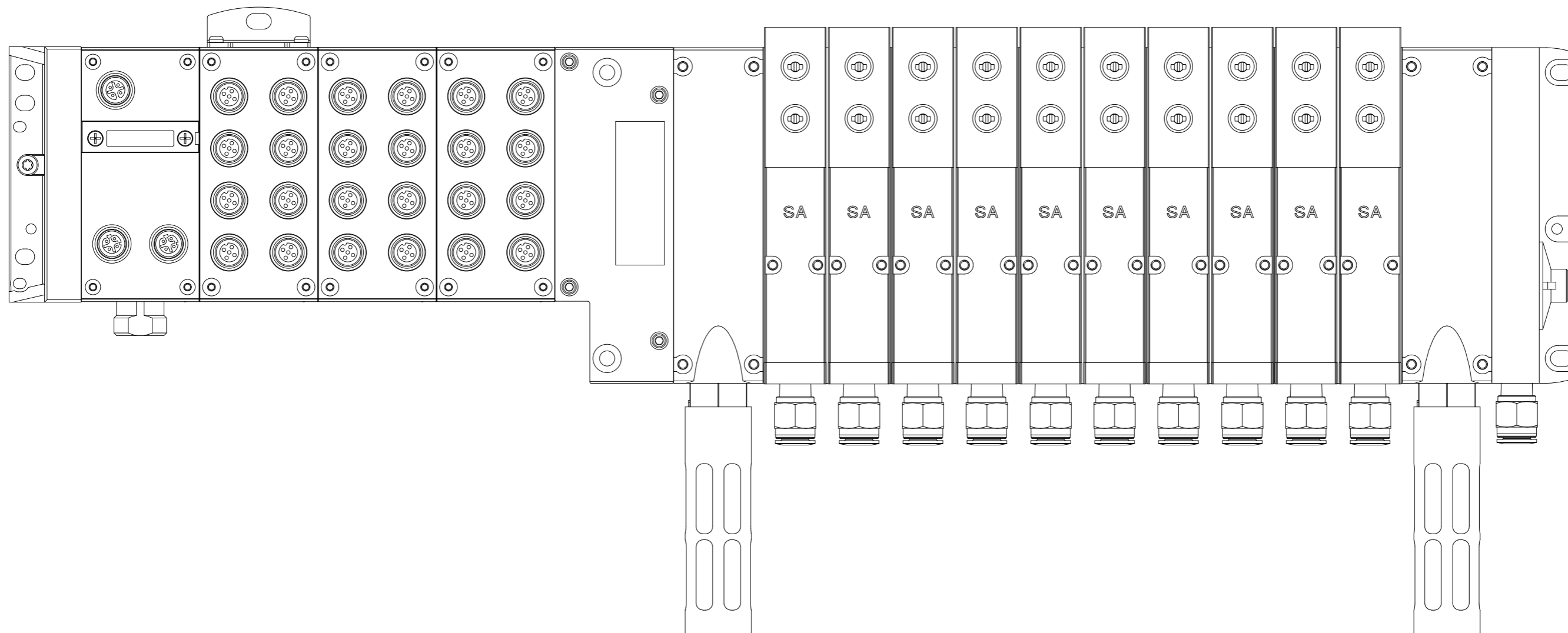
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Appr			Replacement of		Scale 1:1	Document type:		Project nr:	Page
Modification	Date	Name	Replaced by			MFS	22-16150		5
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Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1GL2UQ51KF2			
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL2UQ51			
Appr.			Replacement of		Scale 1:1	Document type:		MFS	Project nr:	22-16150	Page	11
Original			Replaced by			Project nr:		22-16150			Page	420



KF3.0

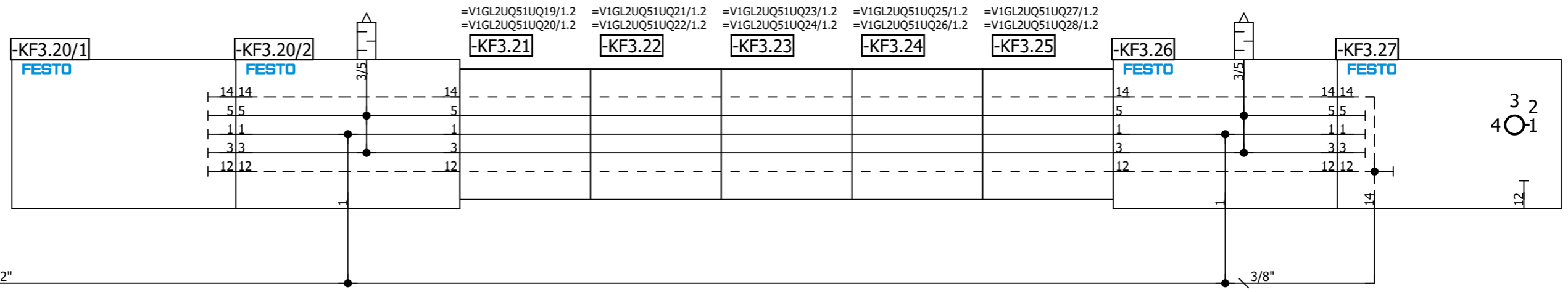
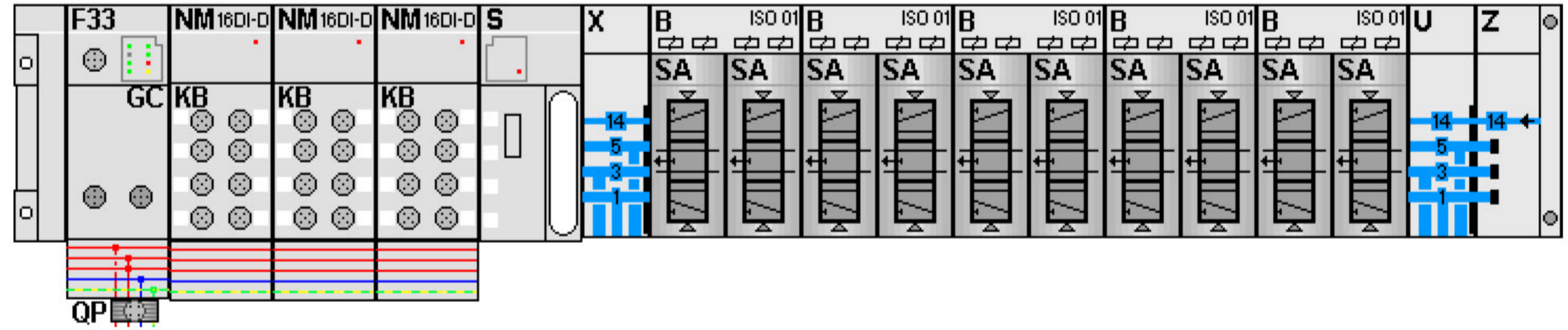


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11

Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Volvo Trucks North America Valiant TMS P6700 Bodyside RH - Robot Cell 2V10		AIR SUPPLY CONFIGURATION		Drawing name: =2V10&MFS-PNEU		= V1GL2UQ51KF3 + V1GL2UQ51		Page 5
												Document type: MFS		Project nr: 22-16150		420

M1 M2 M3 M4 M5

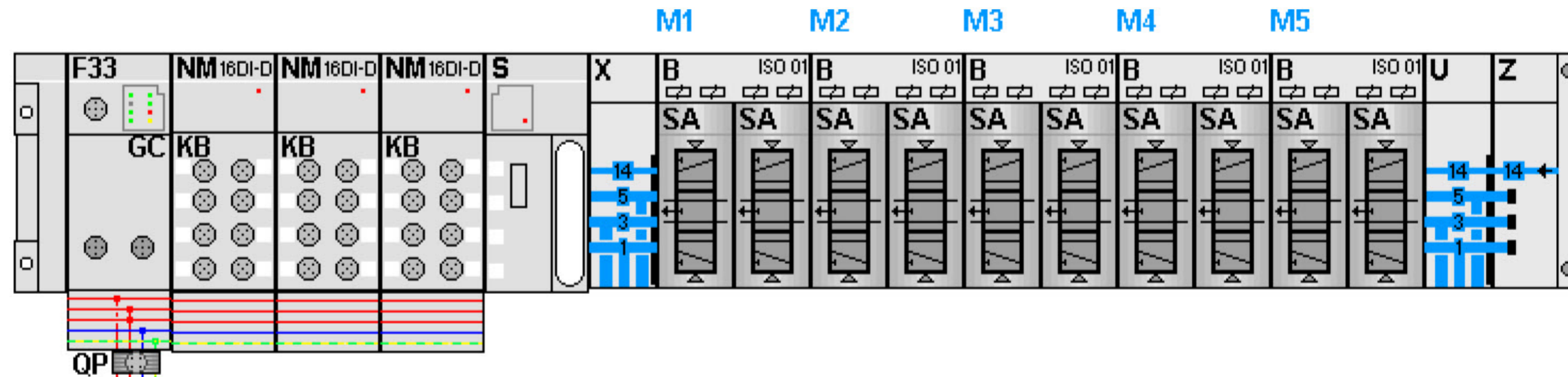


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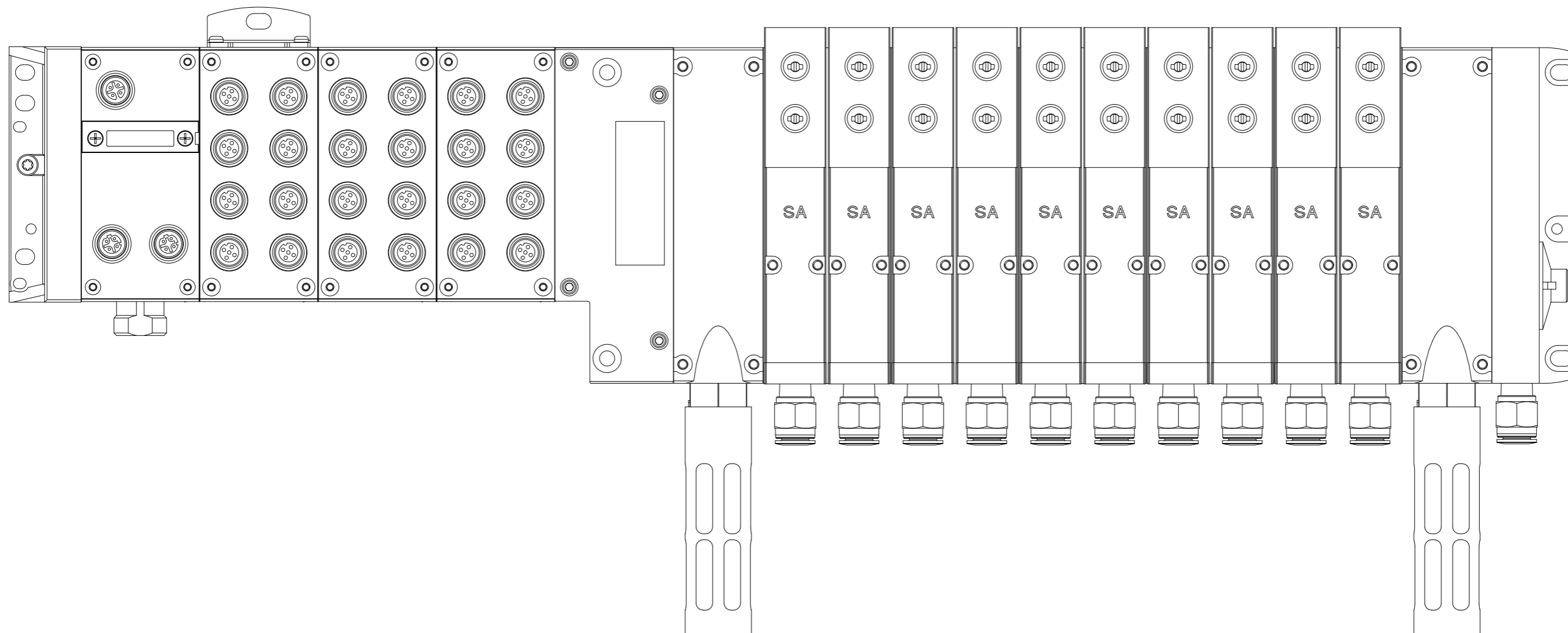
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5

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1GL2UQ51KF3	
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Appr			Replacement of		Replaced by		Document type:	Project nr:	Page	
Original							MFS	22-16150	420	



KF4.0

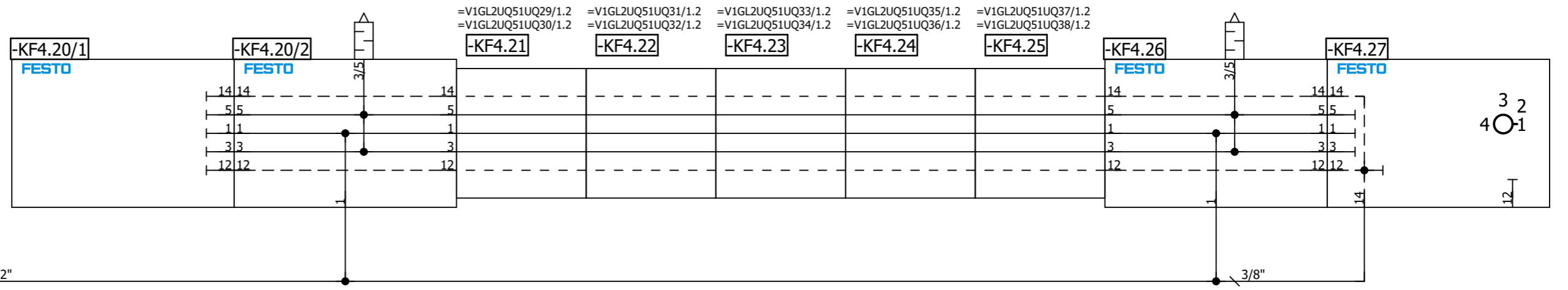
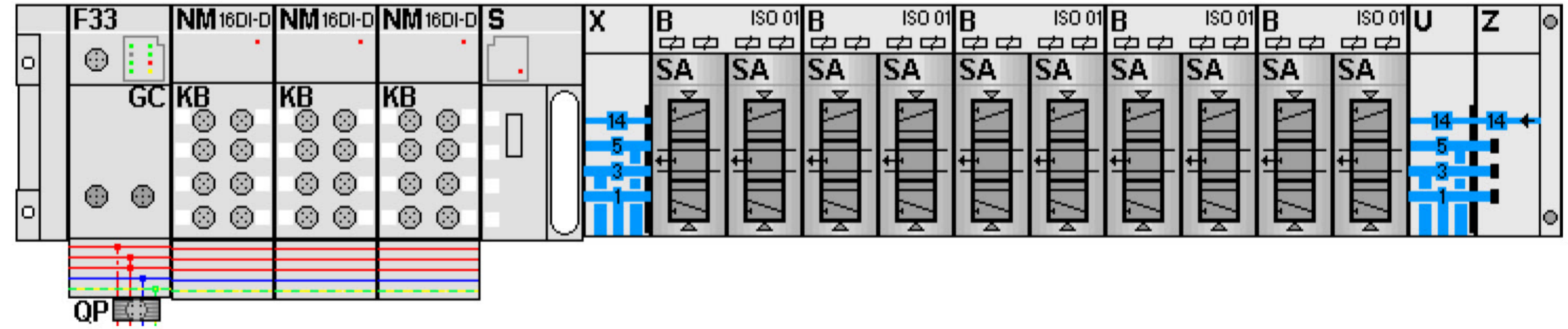


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Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name:		= V1GL2UQ51KF4
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1	Document type:		Project nr:	Page
Modification	Date	Name	Replaced by			MFS	22-16150		5

M1 M2 M3 M4 M5



5

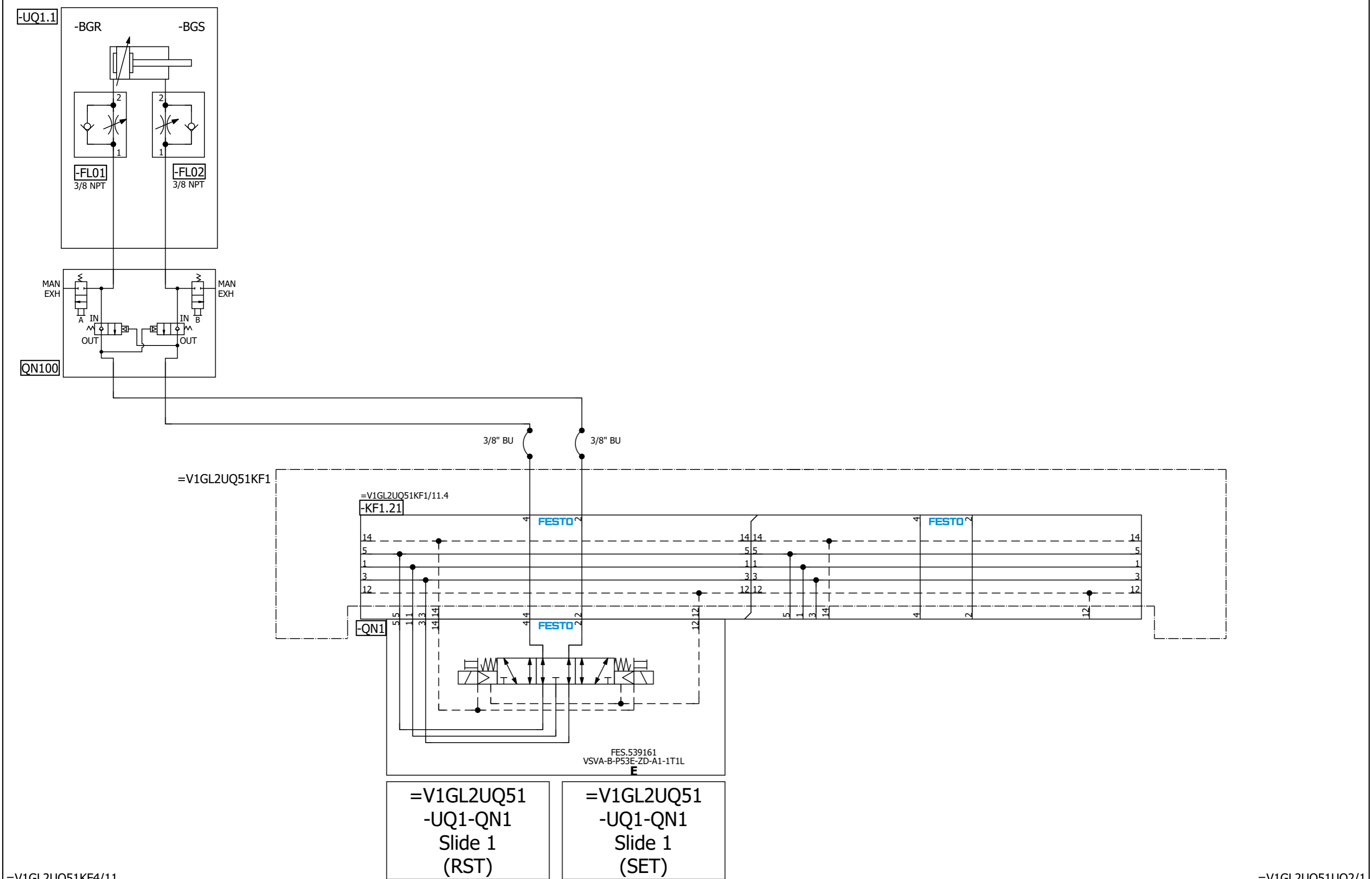
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL2UQ51	
Appr			Replacement of		Replaced by		Document type:	Project nr:	Page	
Original							MFS	22-16150	420	



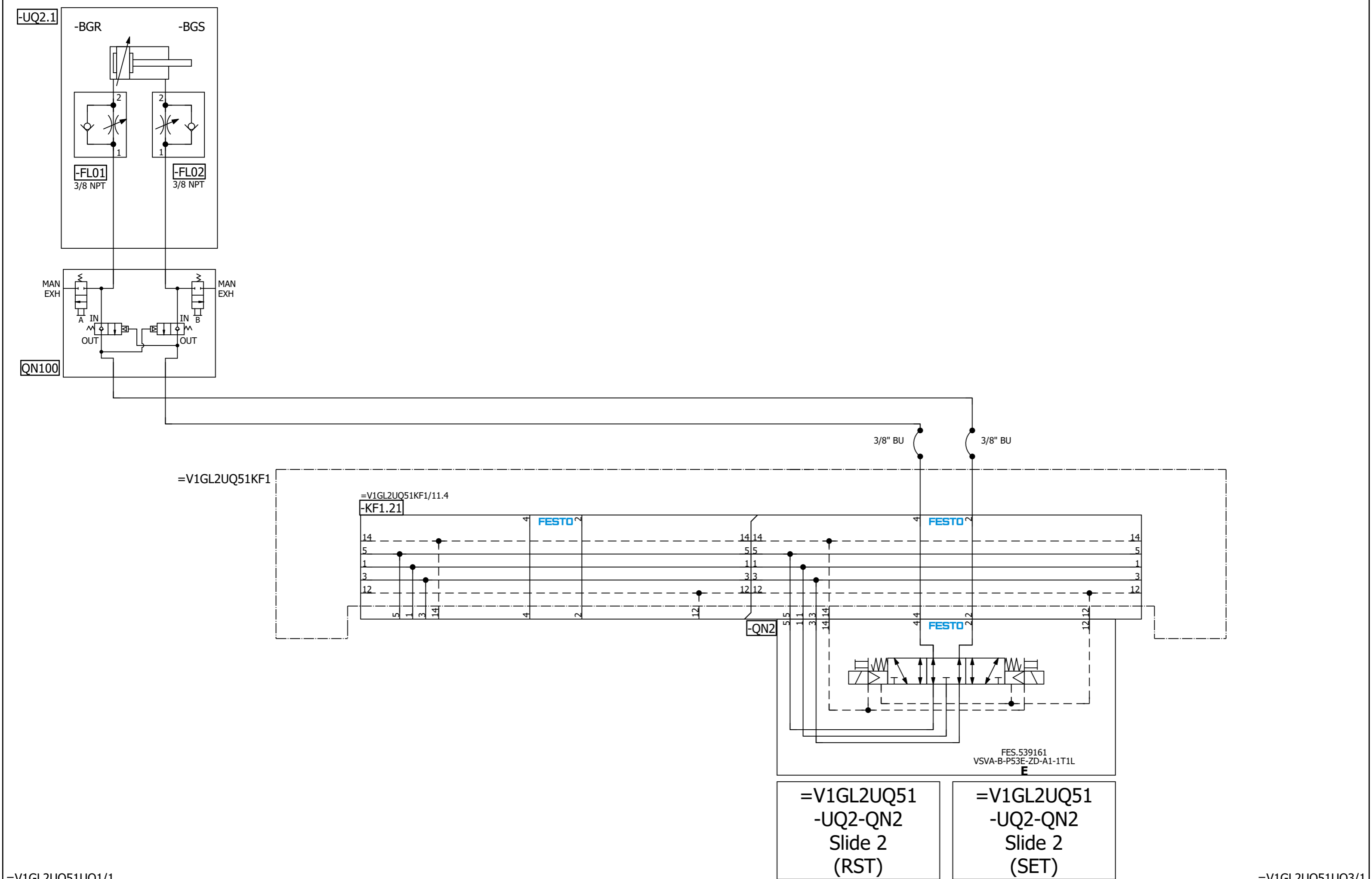
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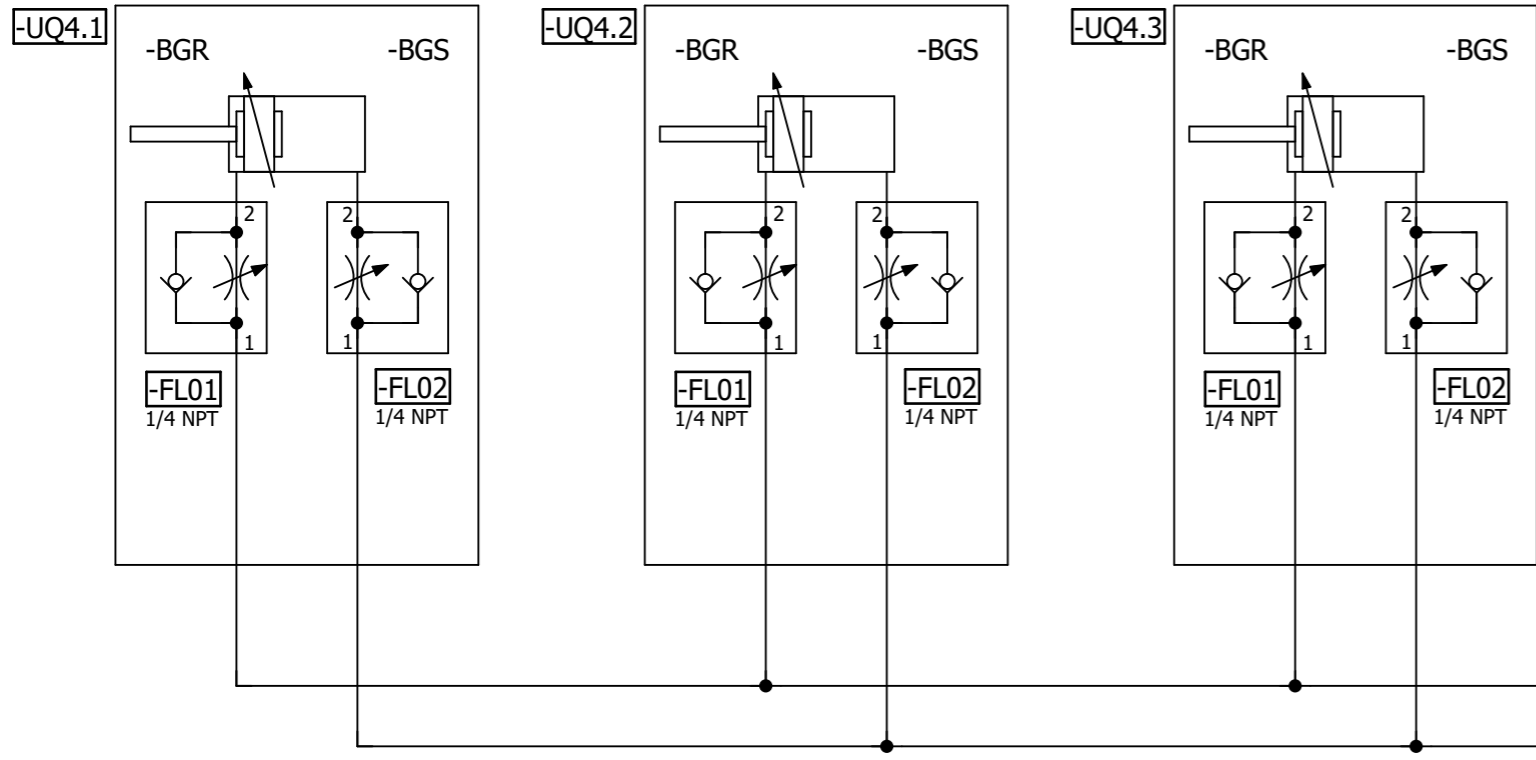
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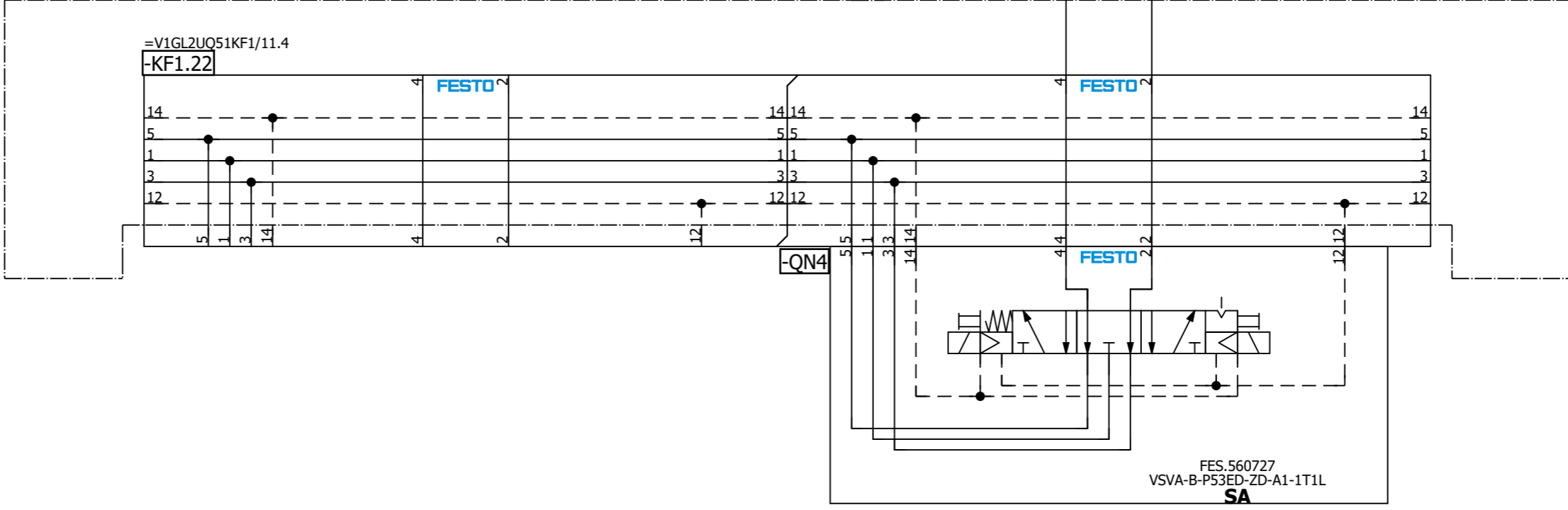
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL2UQ51
Appr.			Replacement of		Scale 1:1		Document type:		Page
Original			Replaced by				MFS	Project nr:	22-16150
Modification	Date	Name	Original						420





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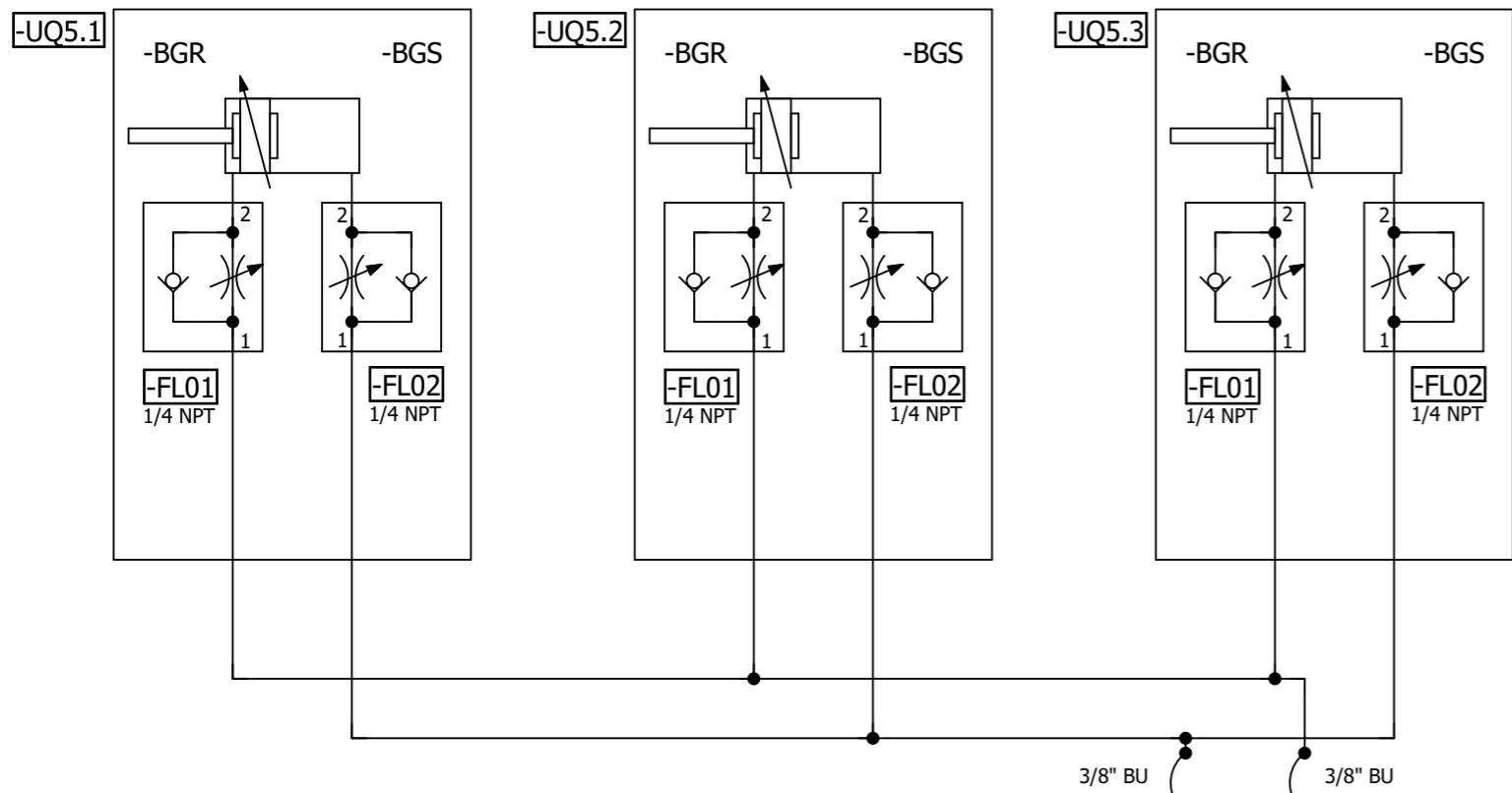
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Shot Pins 4
(RST)

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Shot Pins 4
(SET)

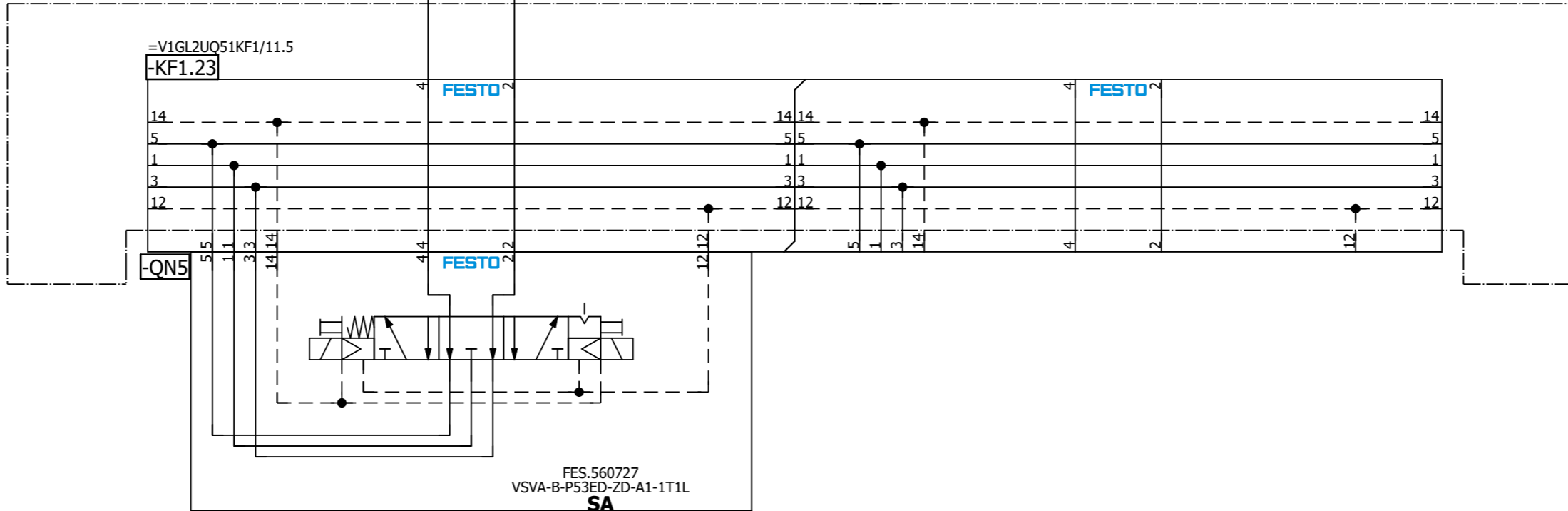
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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original		Replacement of	Replaced by							Page	1
														420



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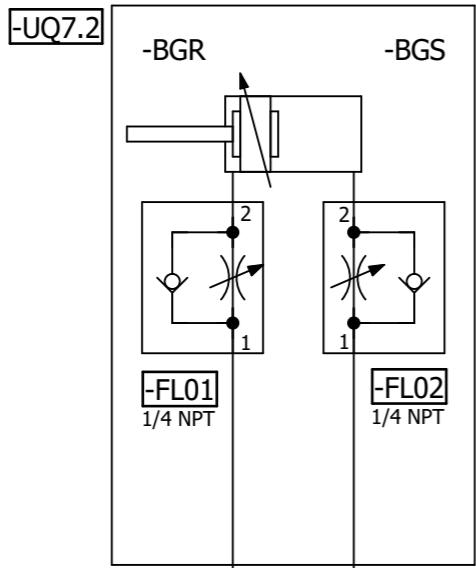
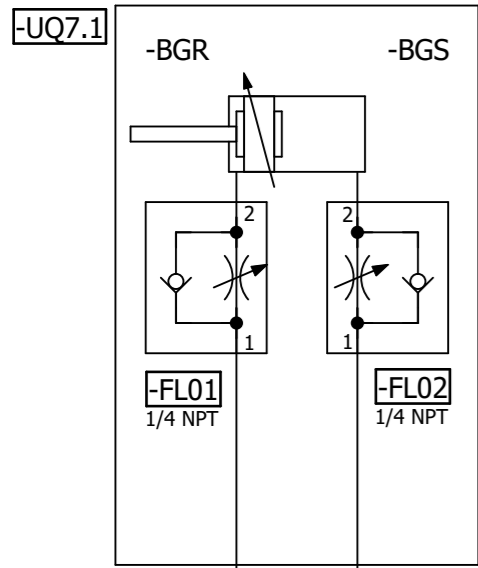
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Shot Pins 5
(RST)

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Shot Pins 5
(SET)

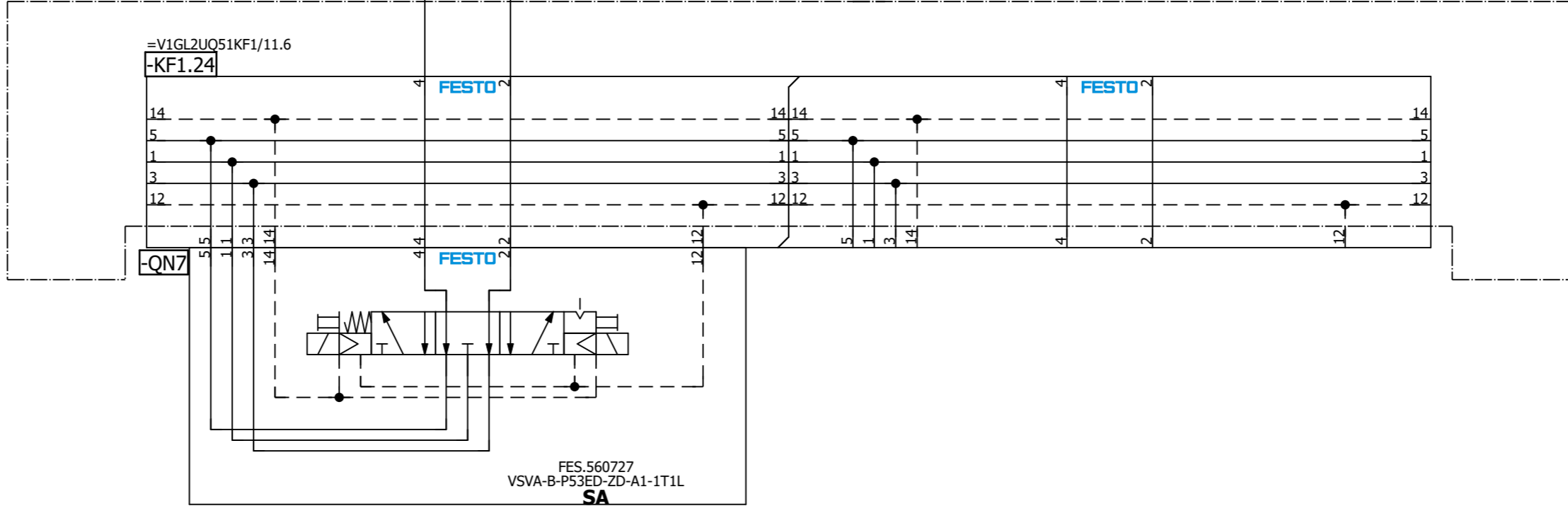
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				=2V10&MFS-PNEU		+ V1GL2UQ51	
Appr			Replacement of		Replaced by				Document type:		Project nr:	
Original									MFS		22-16150	
Modification		Date	Name		Original						Page	
											1	
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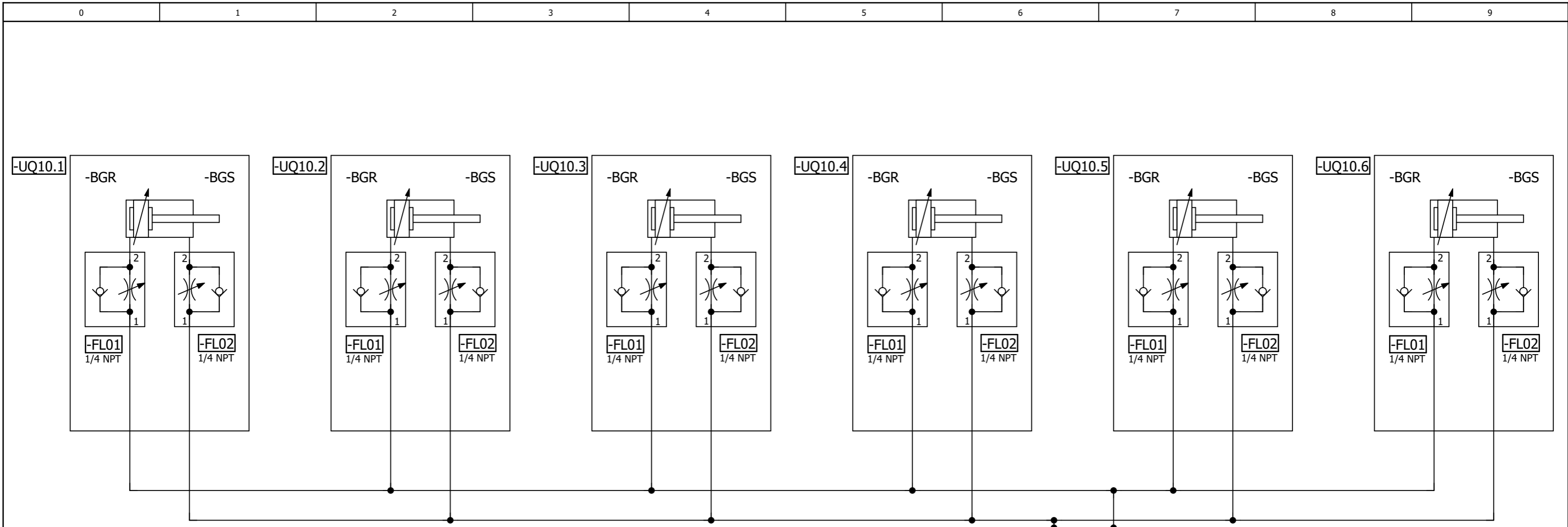
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 Shot Pins 7
 (RST)

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 -UQ7-QN7.2
 Shot Pins 7
 (SET)

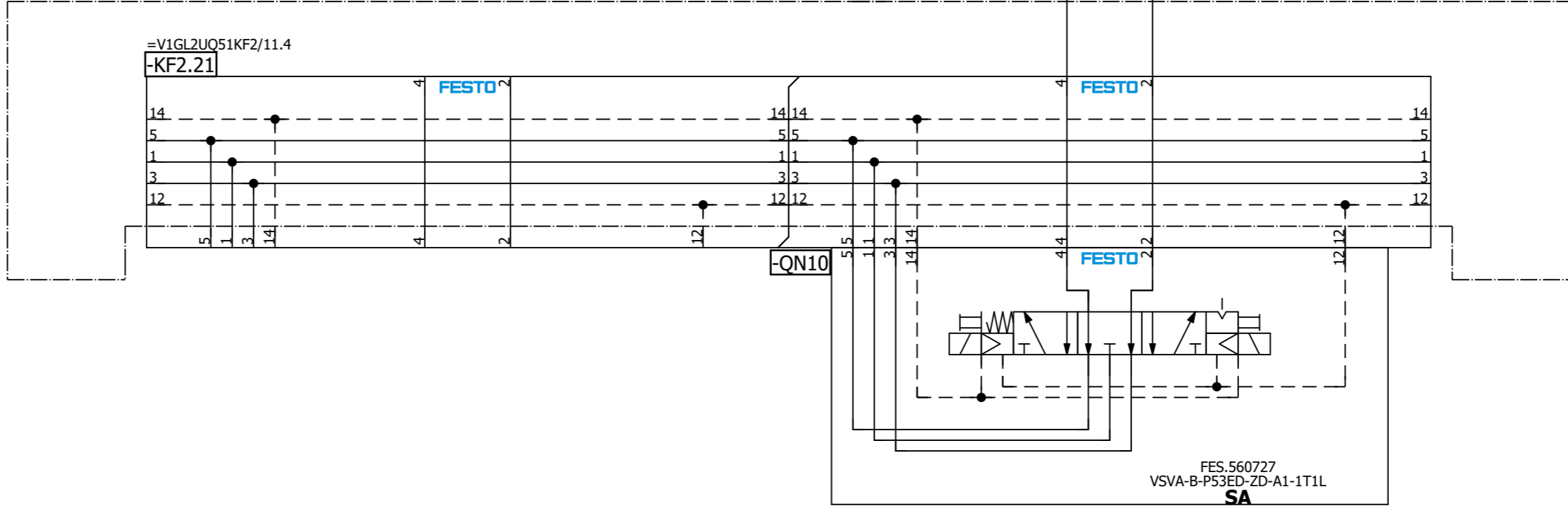
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		= 2V10&MFS-PNEU	
Appr.			Replacement of		Replaced by				Project nr:		22-16150	
Original									MFS		Page 1	
											420	



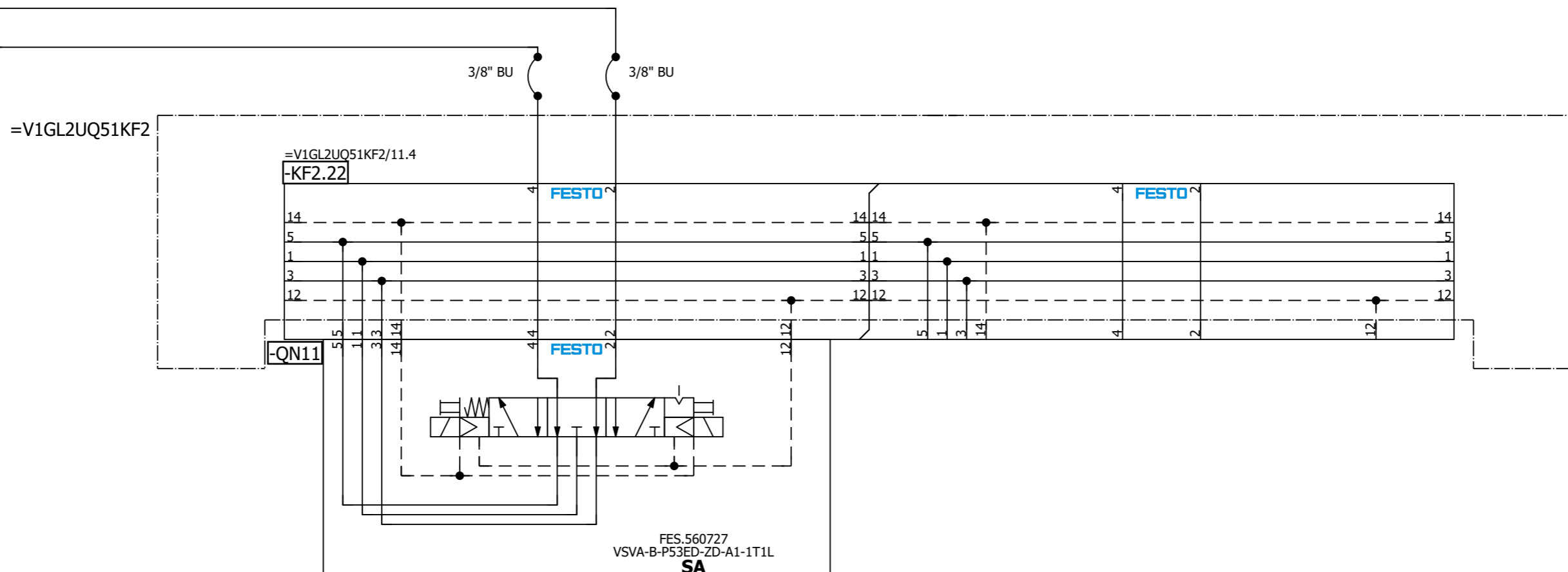
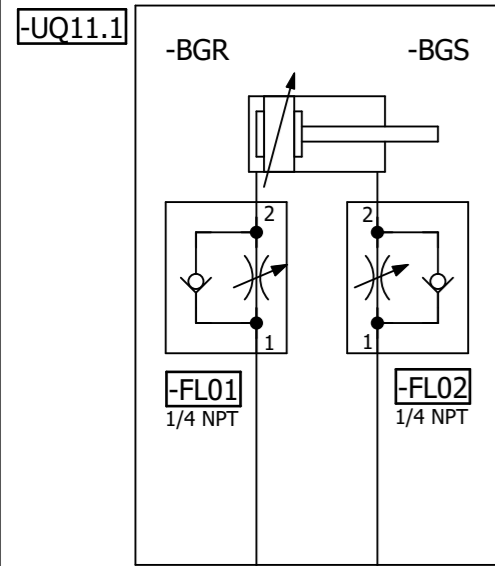
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Clamps 10
(RST)

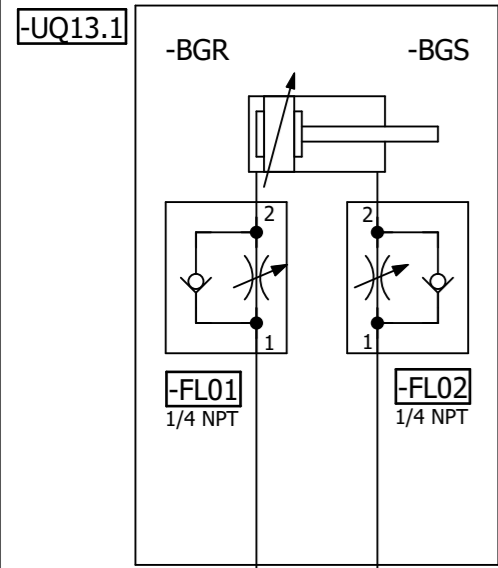
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Clamps 10
(SET)

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		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1		=2V10&MFS-PNEU	= V1GL2UQ51	
Modification	Date	Name	Original	Replacement of	Replaced by		Document type:	Project nr:	Page 1
							MFS	22-16150	420

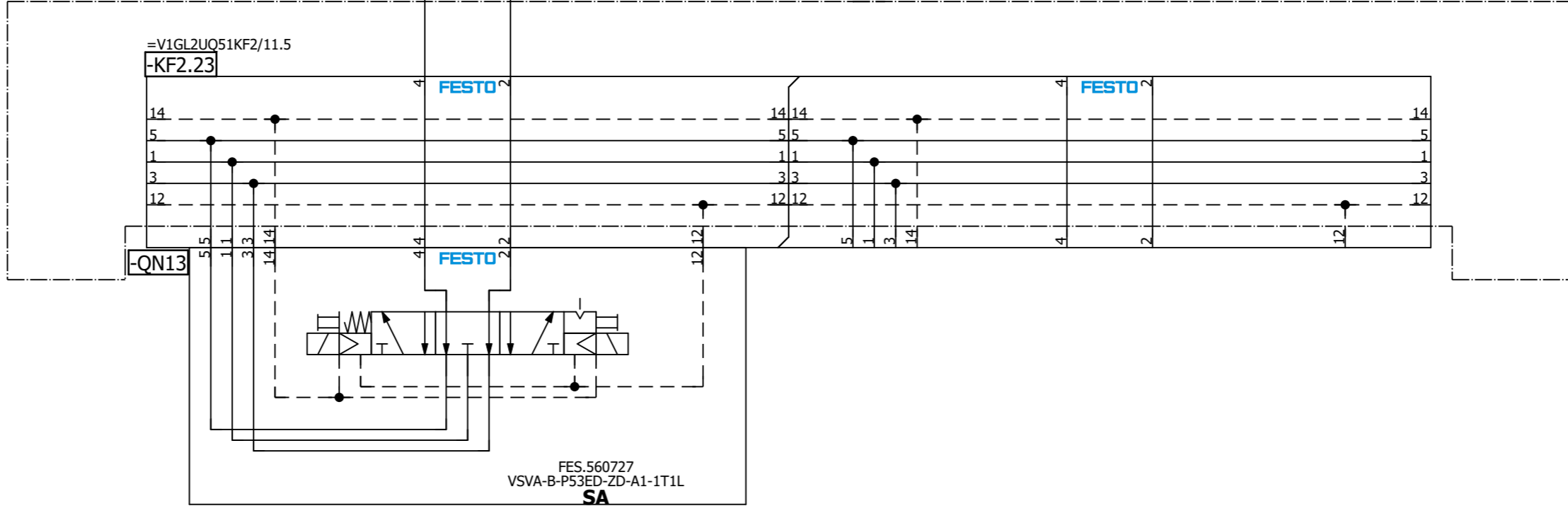


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-UQ11-QN11.1
Clamp 11
(RST)

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Clamp 11
(SET)



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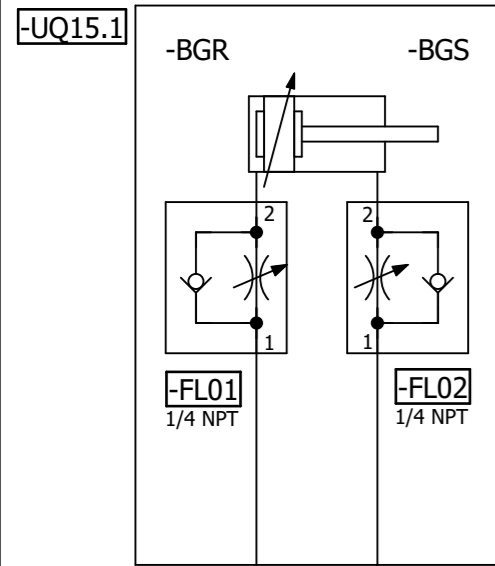
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Clamp 13
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Clamp 13
(SET)

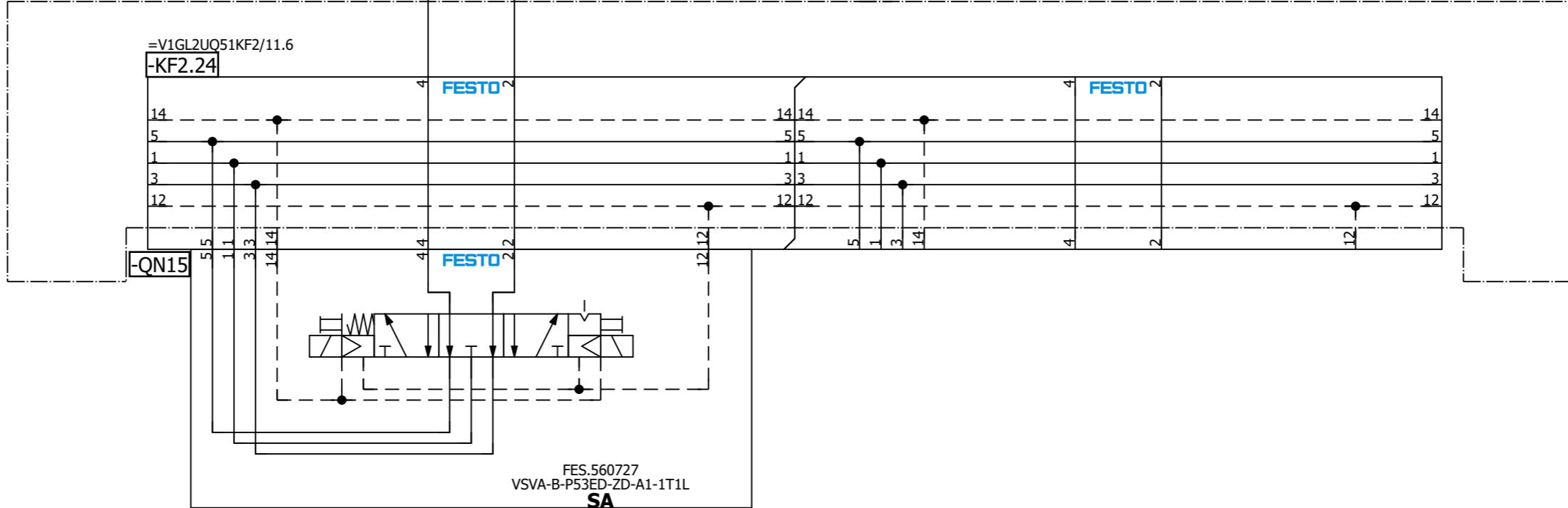
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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=V1GL2UQ51KF2



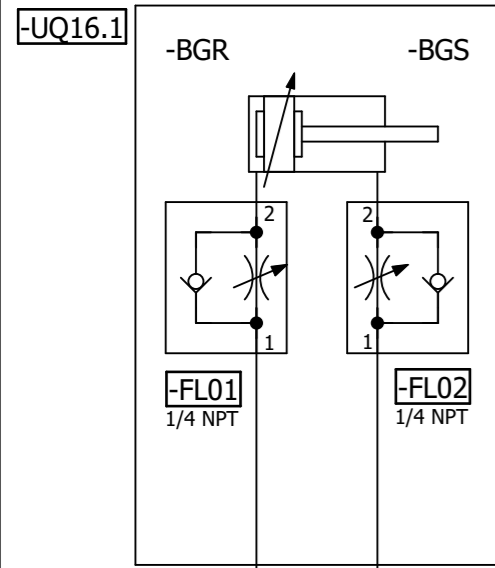
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Clamp 15
(RST)

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-UQ15-QN15.2
Clamp 15
(SET)

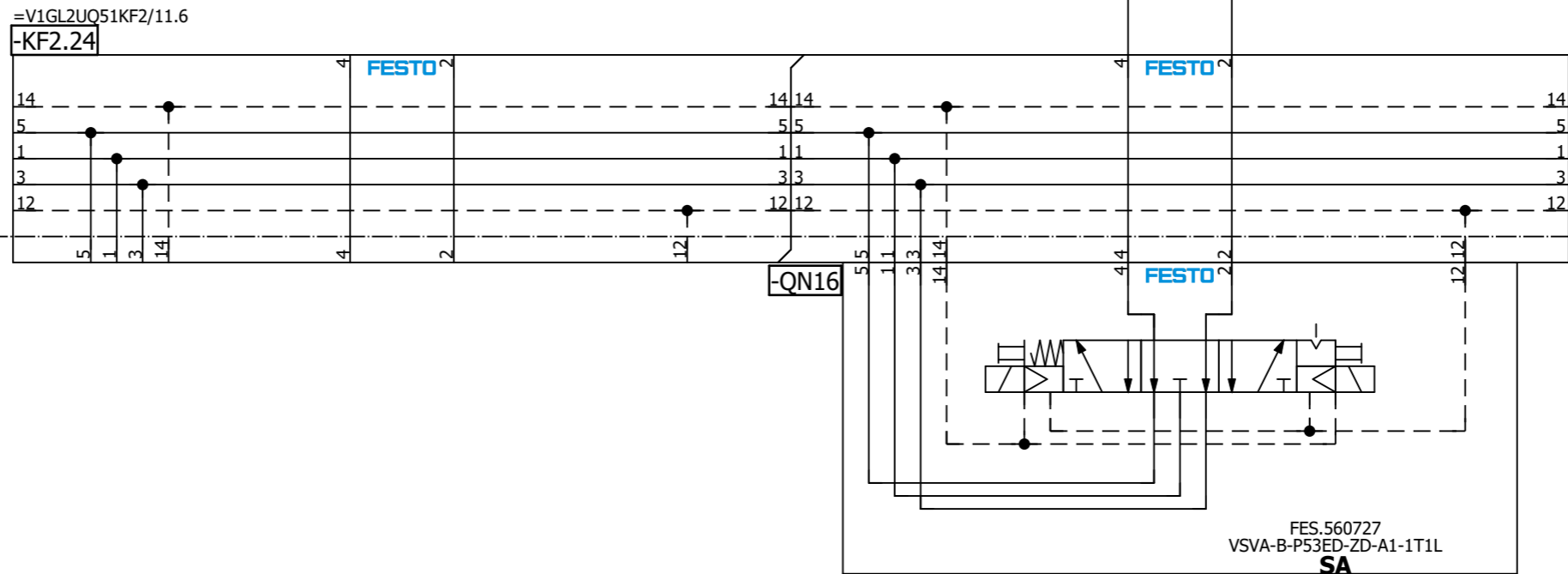
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Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 15	Drawing name:		= V1GL2UQ51UQ15
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									420



=V1GL2UQ51KF2



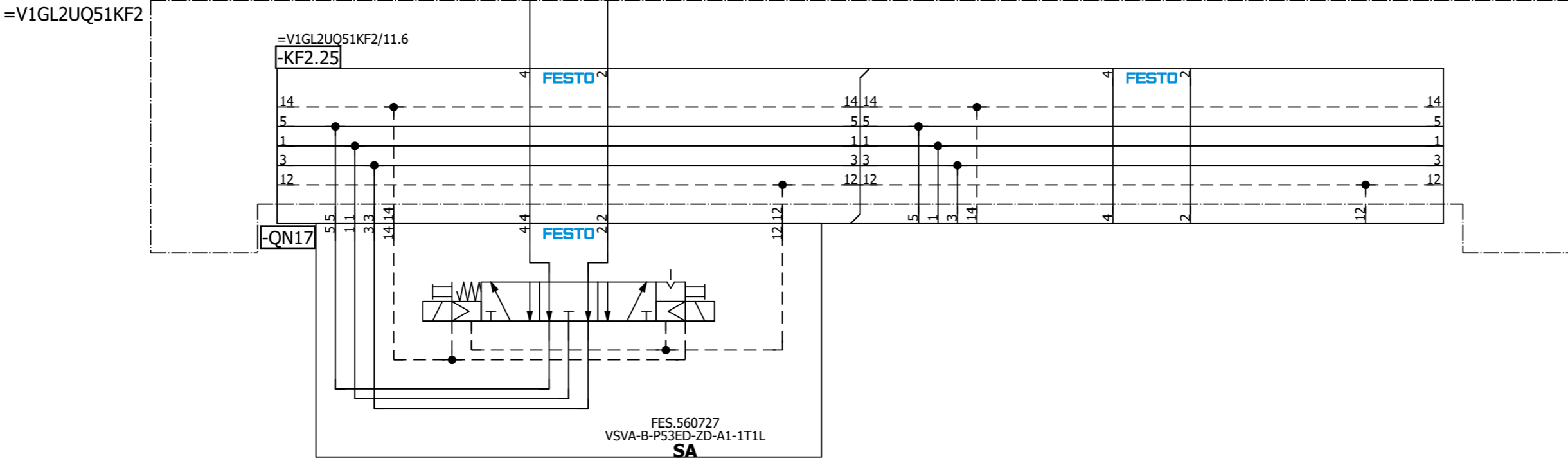
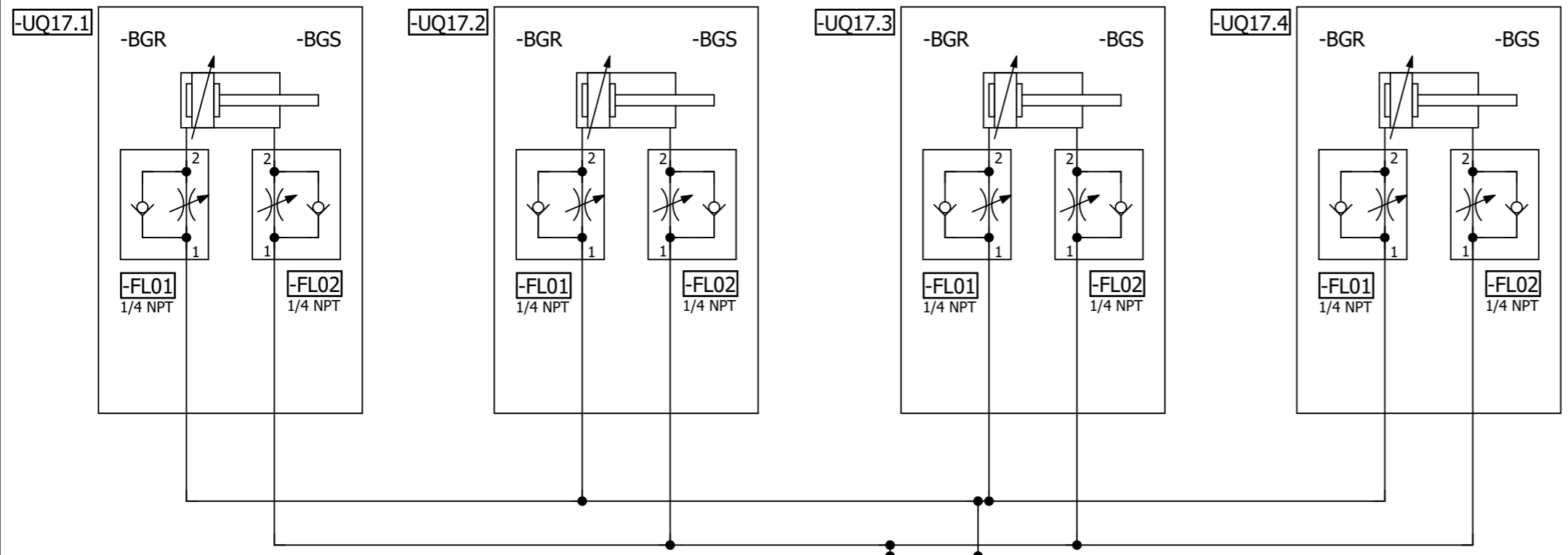
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Clamp 16
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Clamp 16
(SET)

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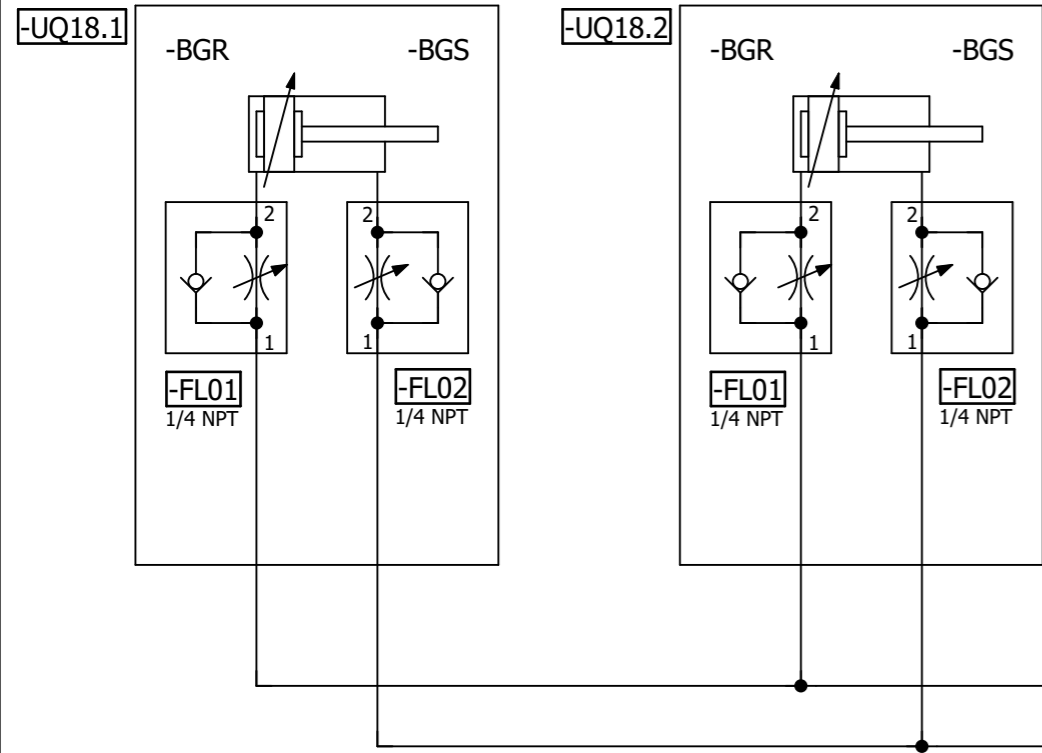
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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 420

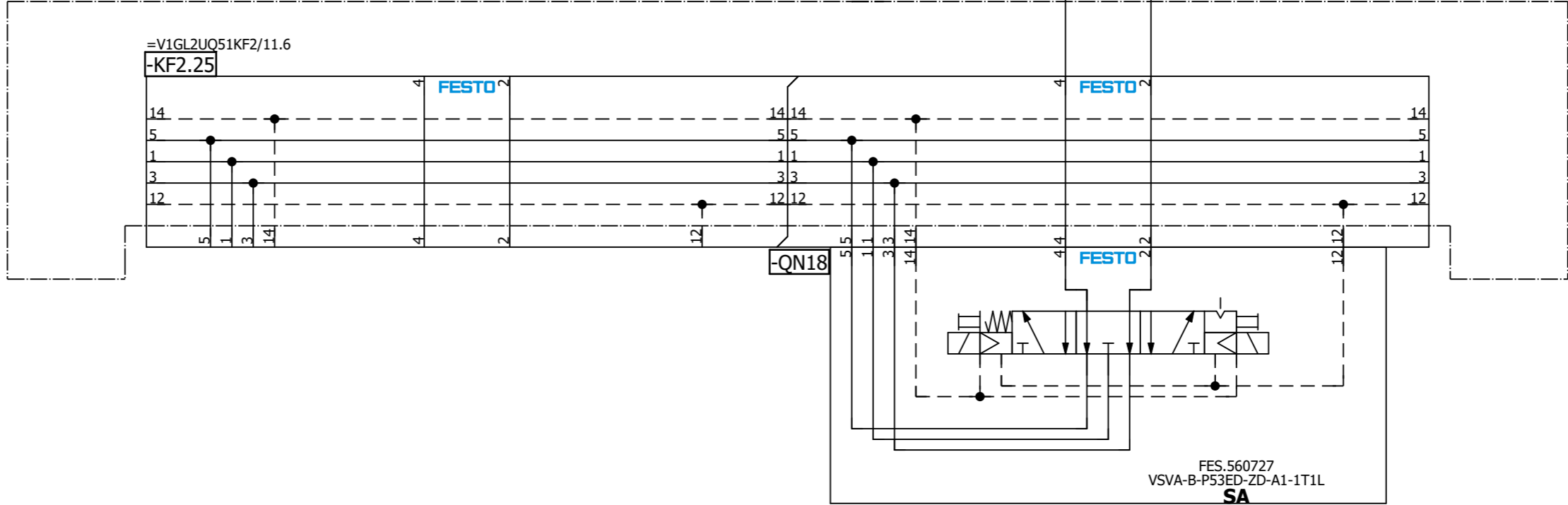


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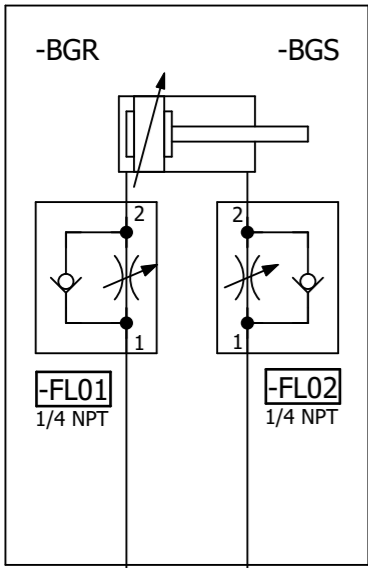
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Clamps 18
(RST)

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-UQ18-QN18.2
Clamps 18
(SET)

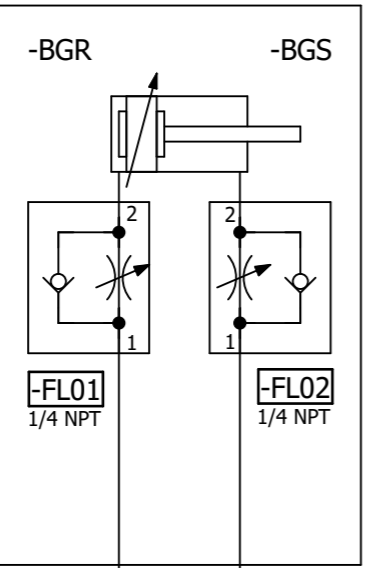
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			Ed.	MKLEPADLO				= 2V10&MFS-PNEU	Project nr: 22-16150		
			Appr				Replacement of	Replaced by		Document type:	MFS
Modification	Date	Name	Original				Scale 1:1				

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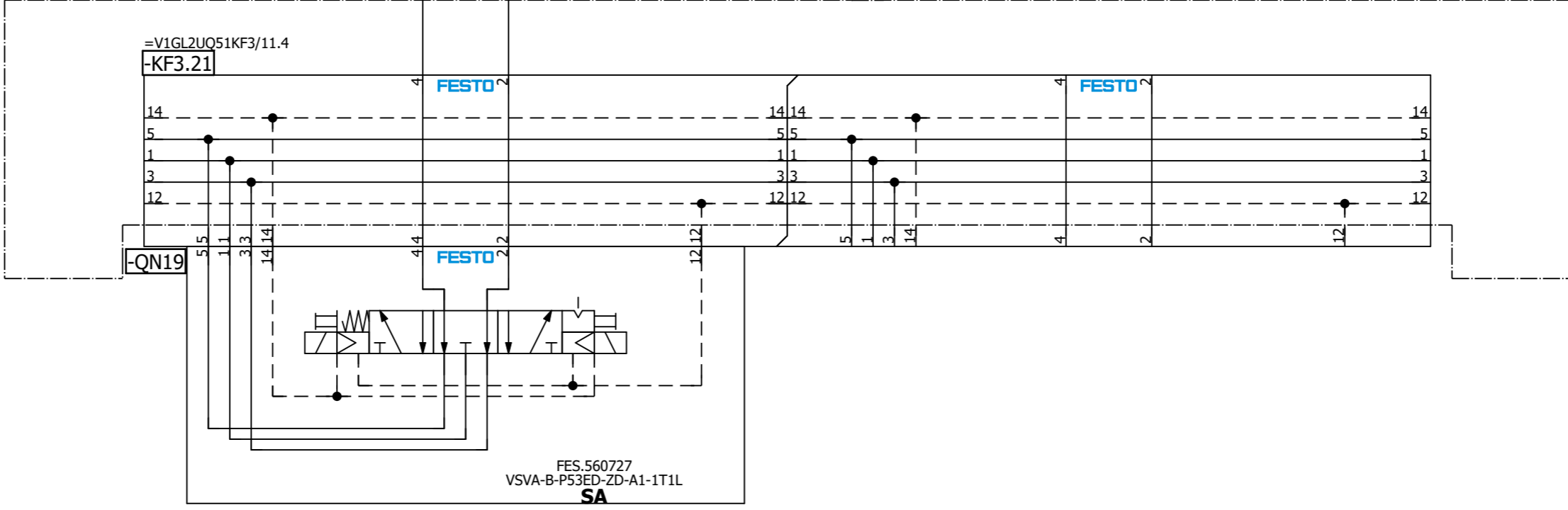


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3/8" BU 3/8" BU

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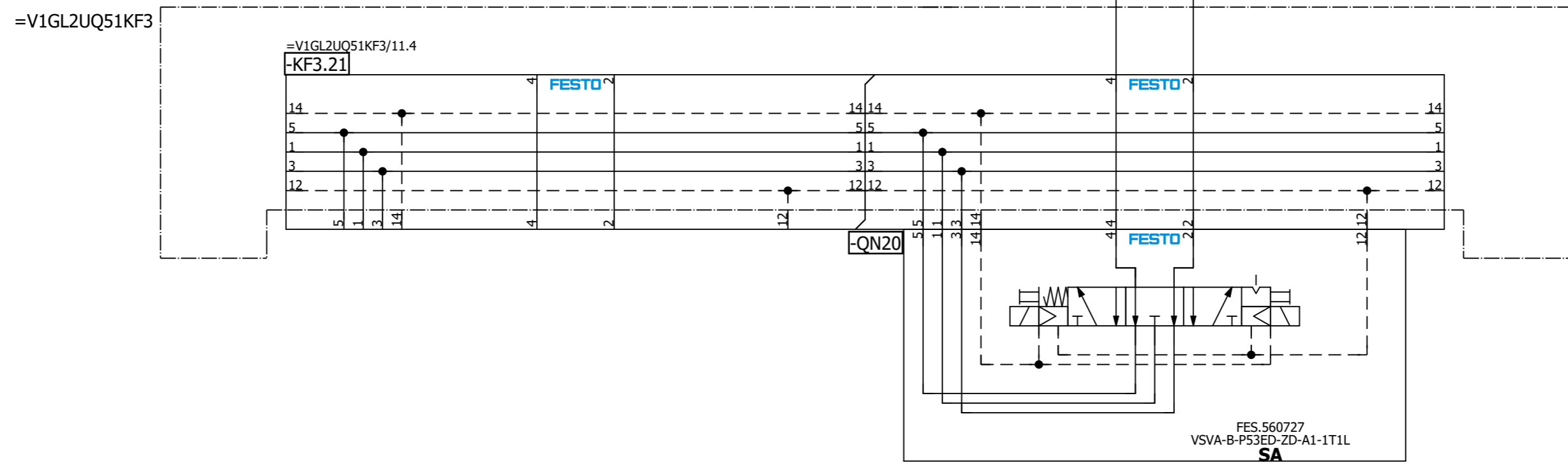
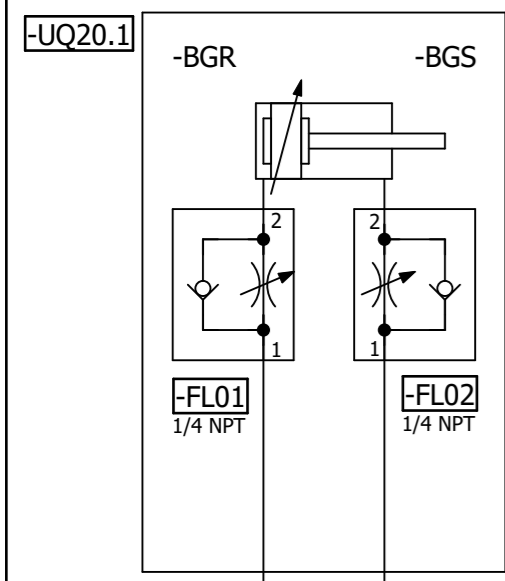
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Clamps 19
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-UQ19-QN19.2
Clamps 19
(SET)

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Appr.				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
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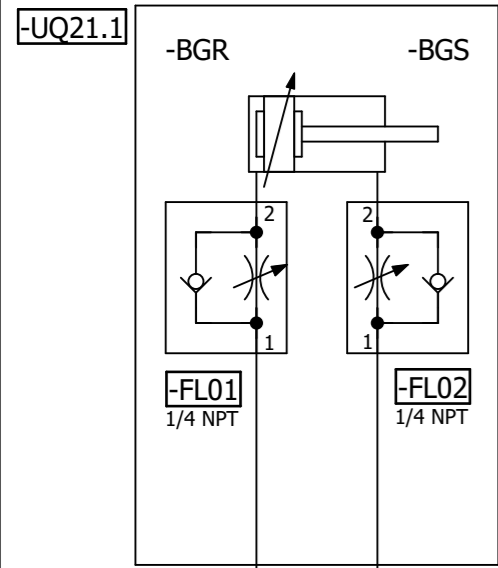
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Clamp 20
(RST)

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Clamp 20
(SET)

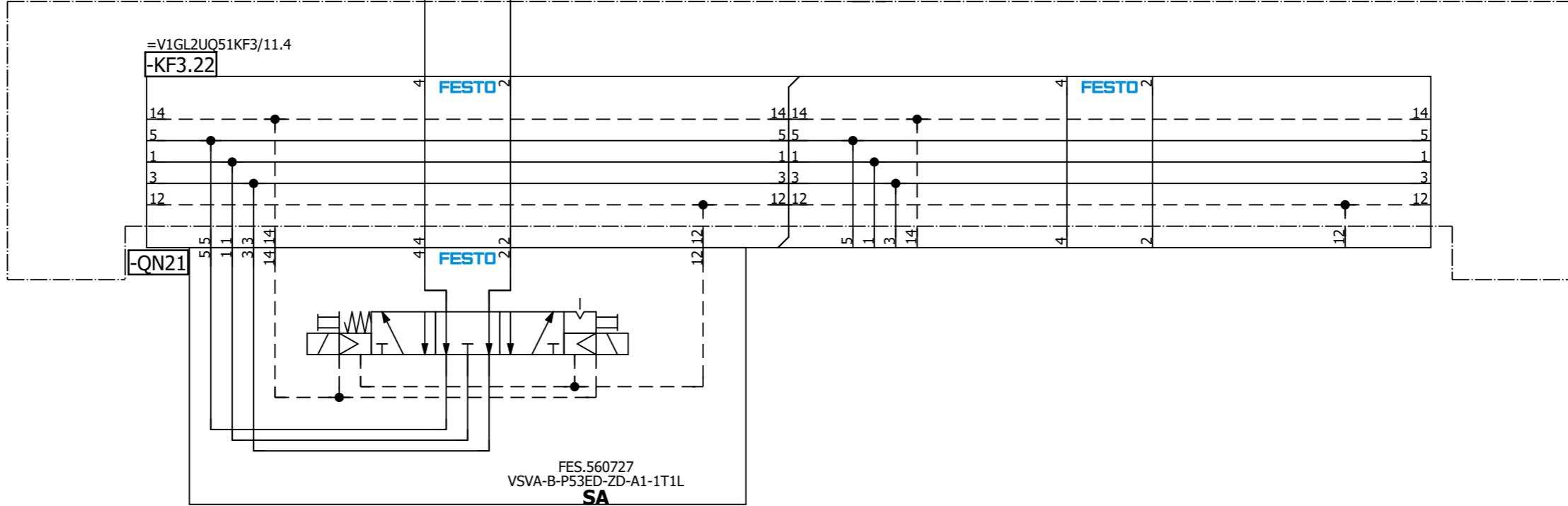
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			Appr.		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:
Modification	Date	Name	Original						MFS	22-16150
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										420



=V1GL2UQ51KF3



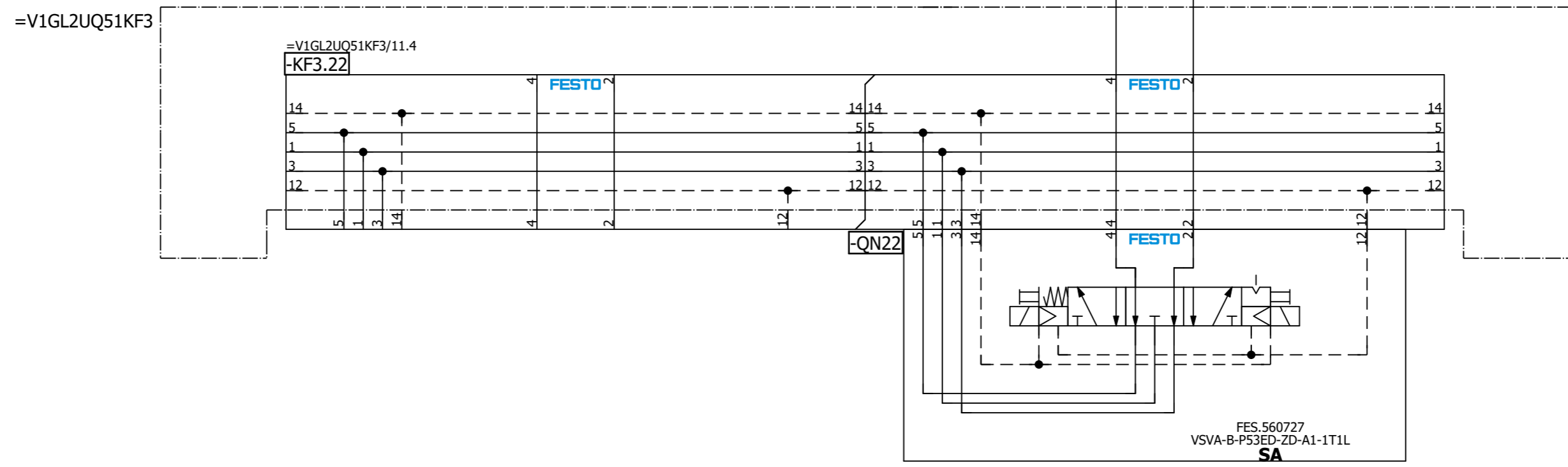
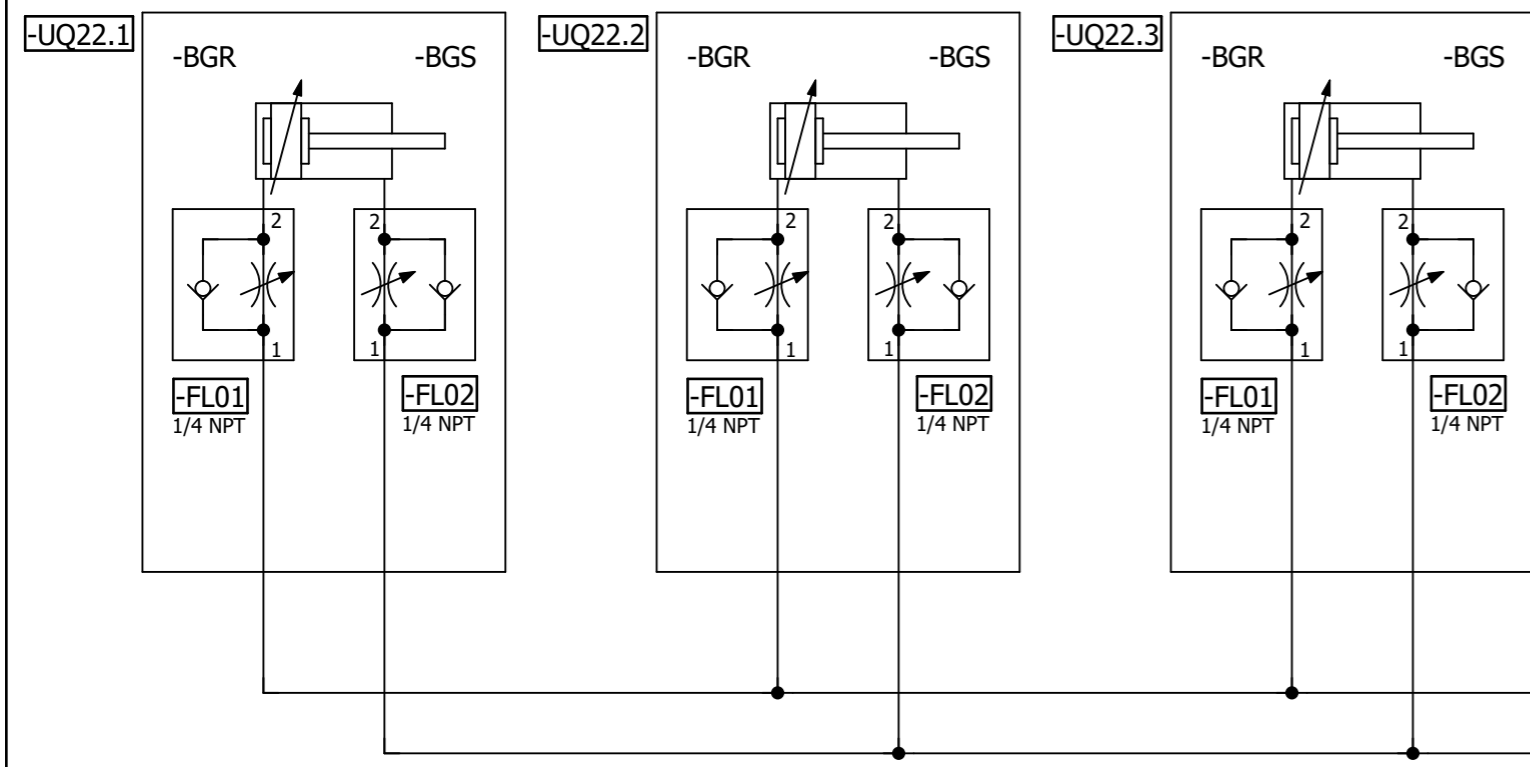
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Clamp 21
(RST)

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Clamp 21
(SET)

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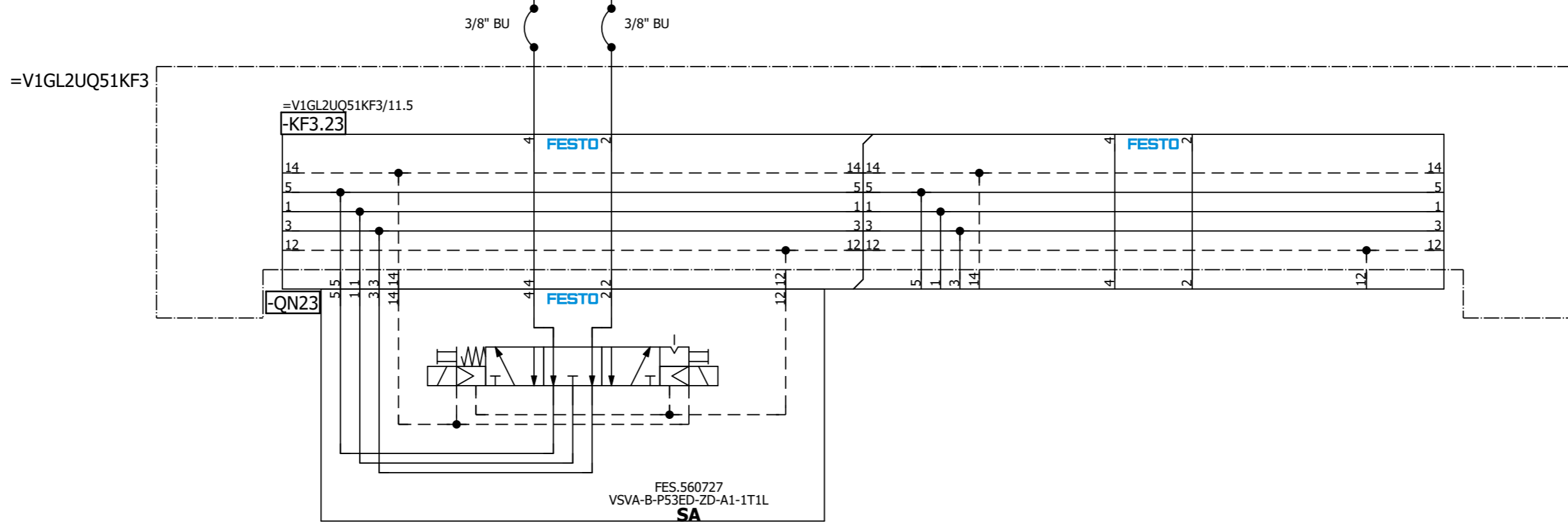
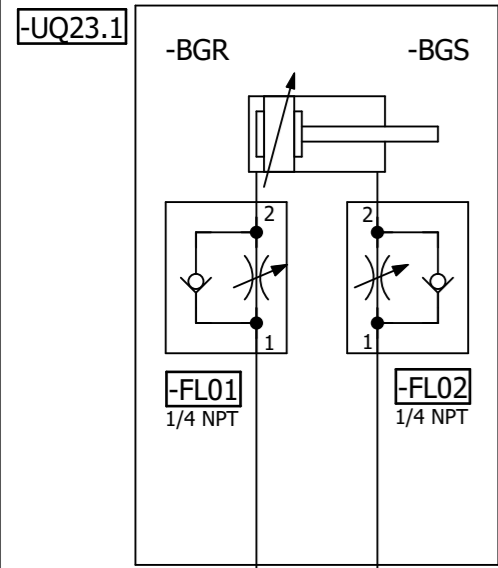
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Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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-UQ22-QN22.1
Clamps 22
(RST)

=V1GL2UQ51
-UQ22-QN22.2
Clamps 22
(SET)



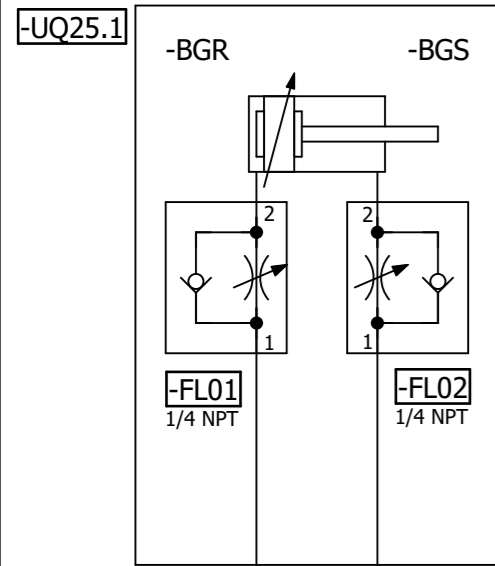
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Clamp 23
(SET)

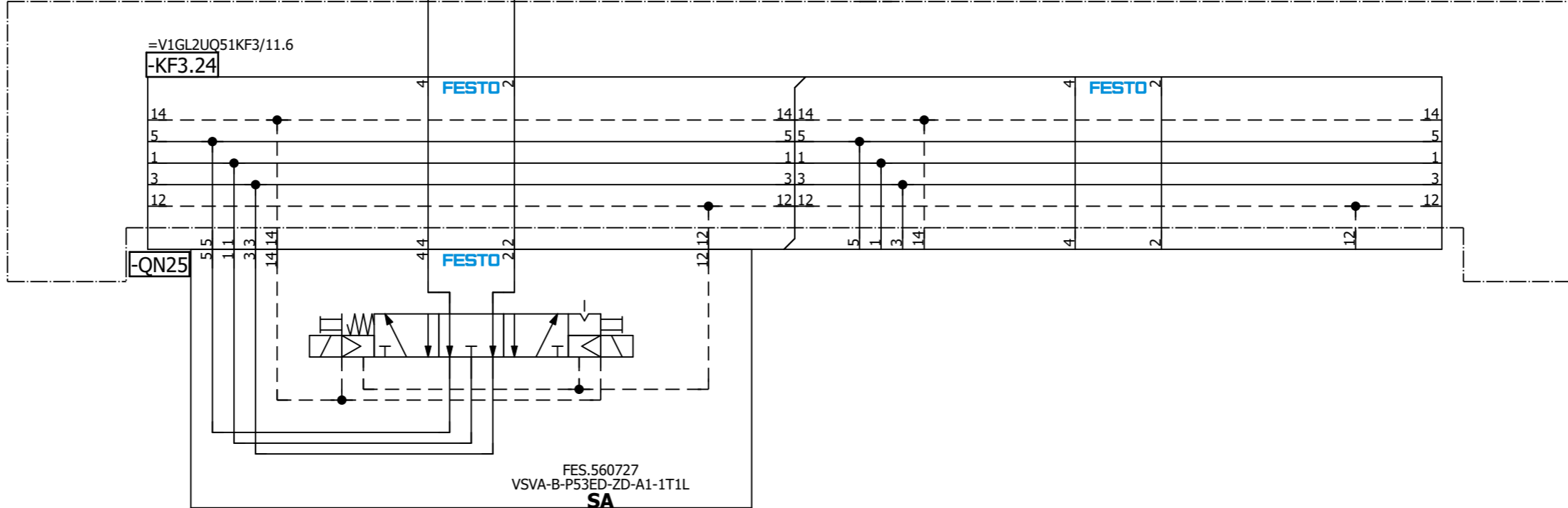
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS	22-16150	
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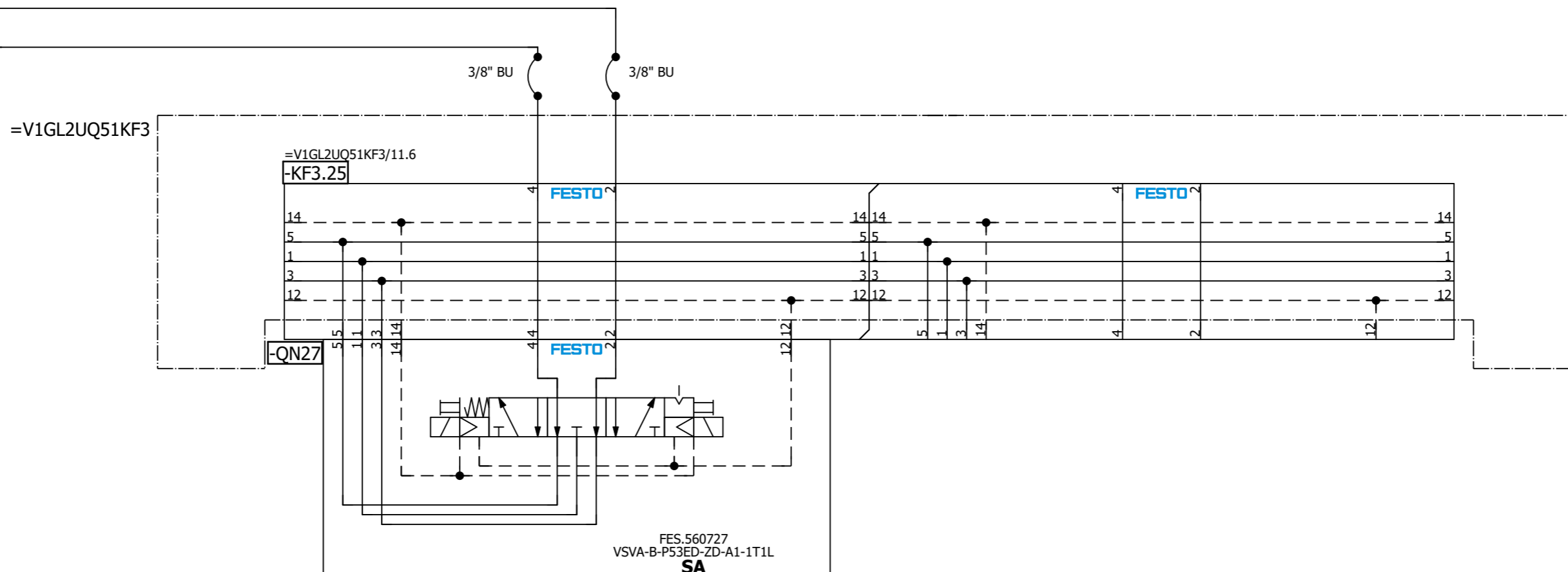
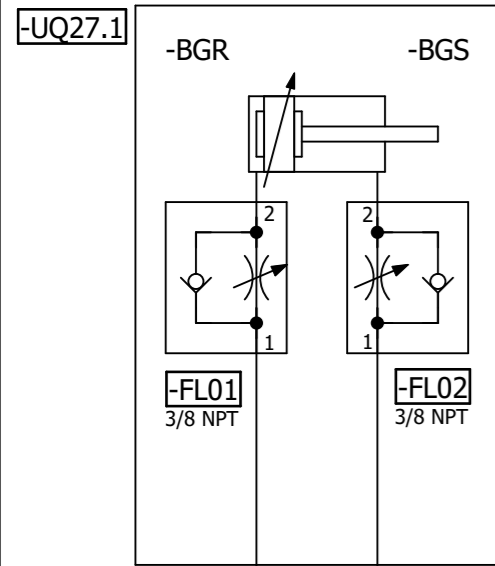
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Clamp 25
(RST)

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Clamp 25
(SET)

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=V1GL2UQ51UQ26/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 25	Drawing name:		= V1GL2UQ51UQ25
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Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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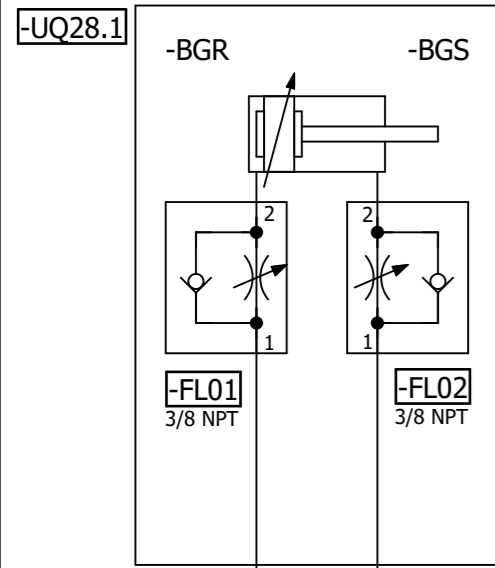


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Clamp 27
(RST)

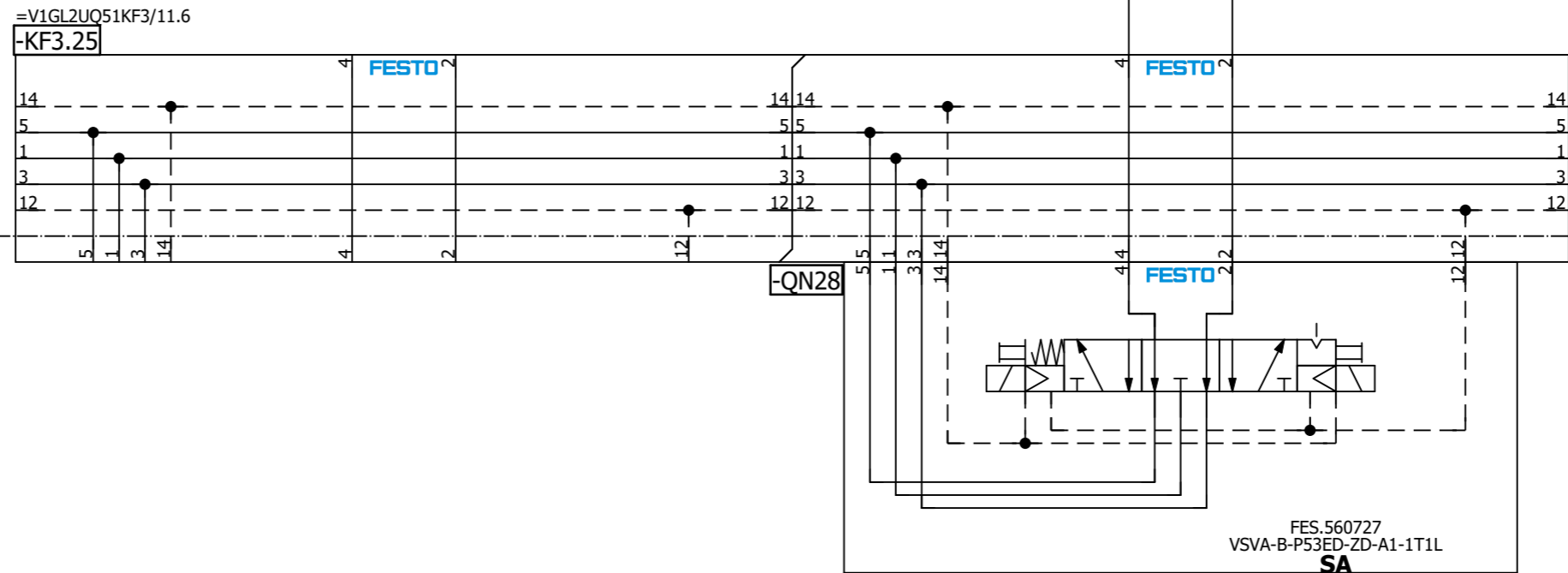
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Clamp 27
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Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 27	Drawing name:		= V1GL2UQ51UQ27
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1



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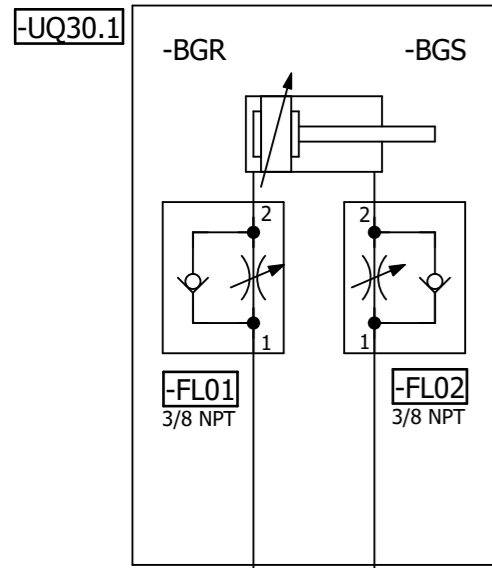


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Clamp 28
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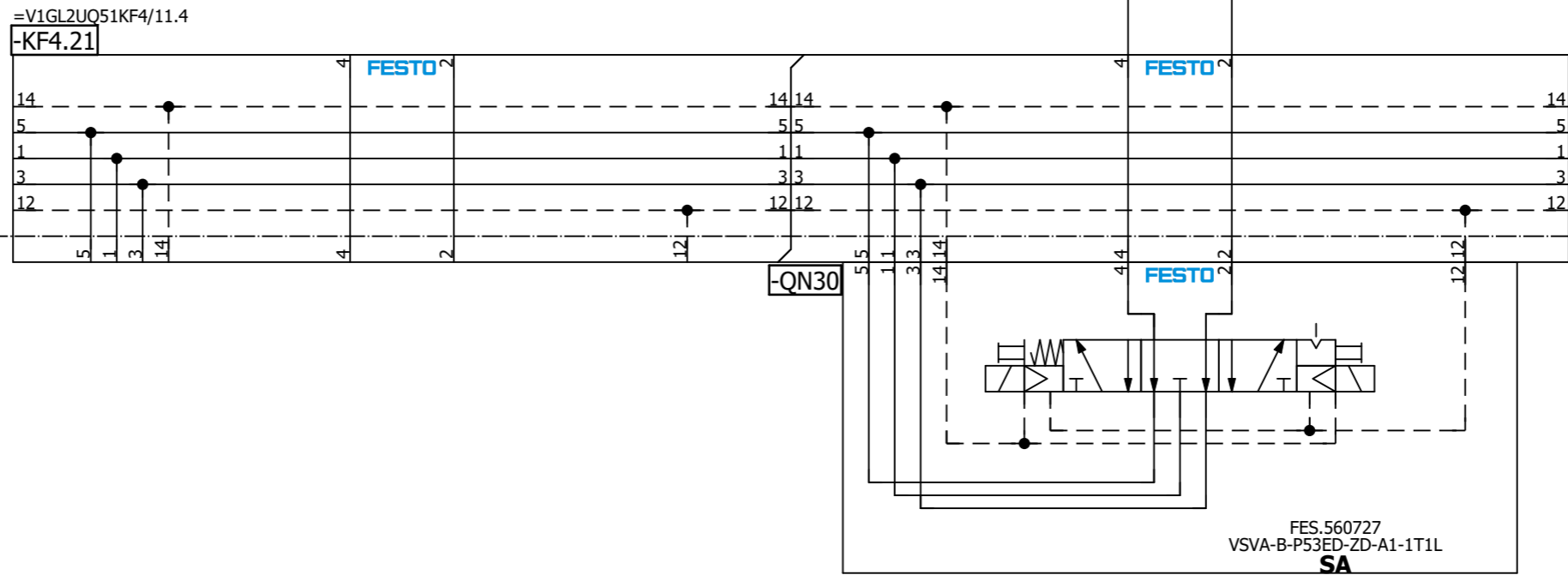
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Clamp 28
(SET)

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=V1GL2UQ51UQ27/1			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 28	Drawing name:	= V1GL2UQ51UQ28
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1		Document type:	MFS
Modification	Date	Name	Original		Replacement of	Replaced by			Project nr:	22-16150
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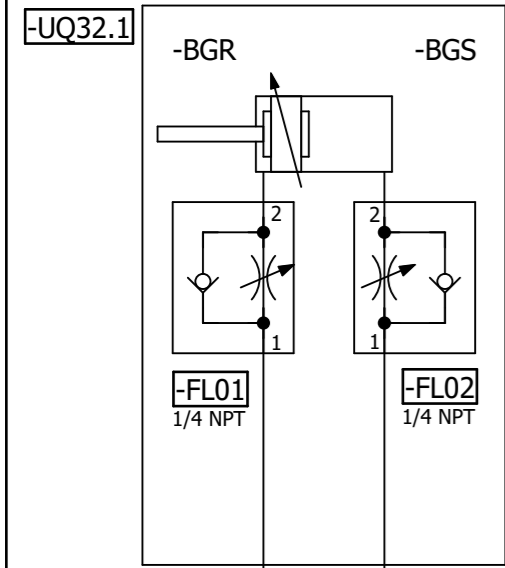
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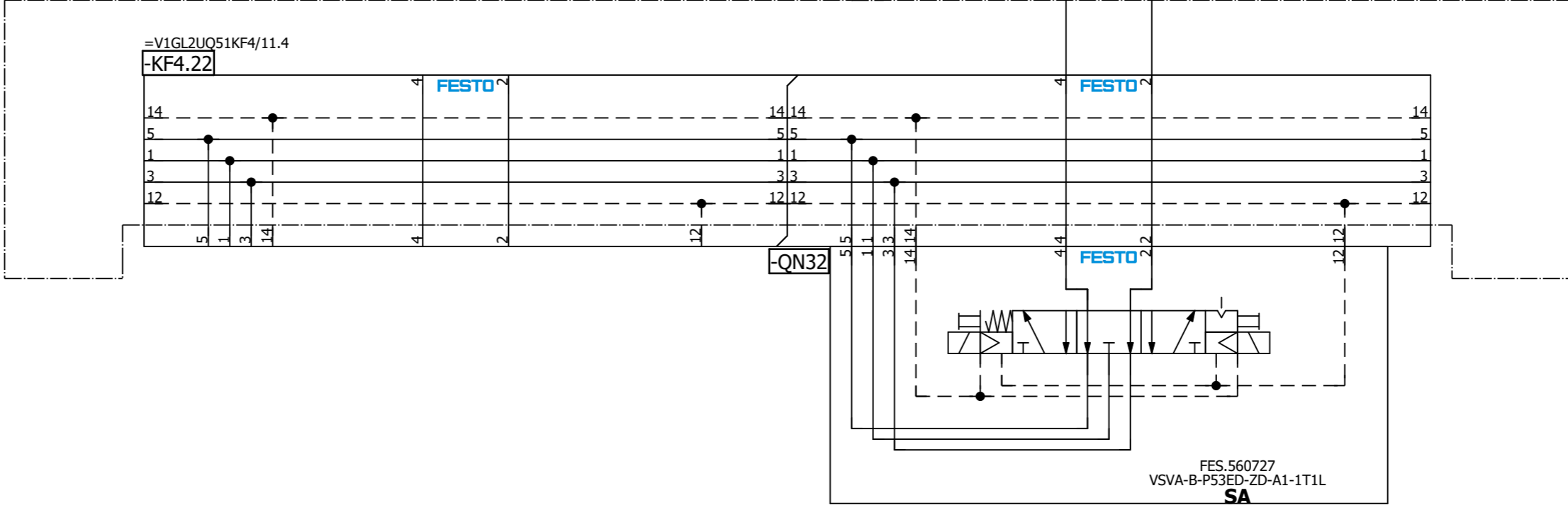
=V1GL2UQ51
-UQ30-QN30.1
Clamp 30
(RST)

=V1GL2UQ51
-UQ30-QN30.2
Clamp 30
(SET)

=V1GL2UQ51UQ31/1



=V1GL2UQ51KF4



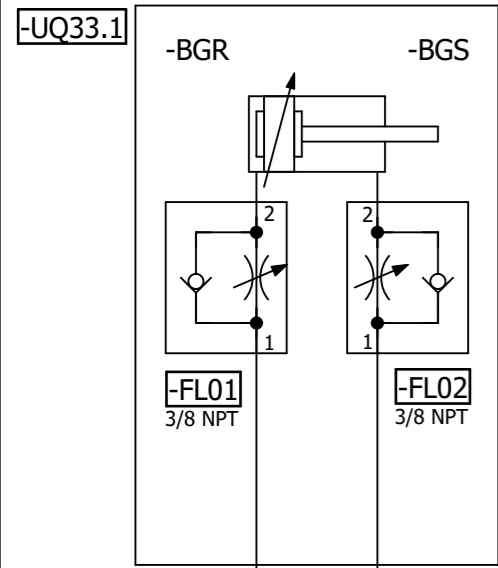
=V1GL2UQ51
-UQ32-QN32.1
Shot Pin 32
(RST)

=V1GL2UQ51
-UQ32-QN32.2
Shot Pin 32
(SET)

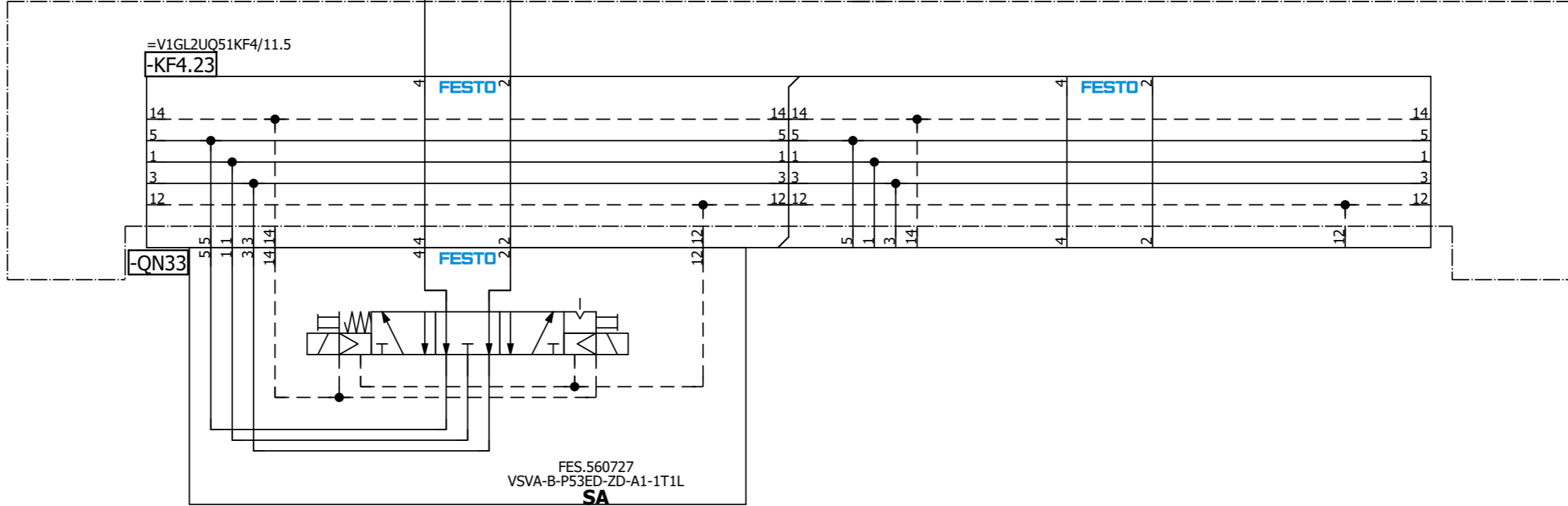
=V1GL2UQ51UQ31/1

=V1GL2UQ51UQ33/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 32	Drawing name: =2V10&MFS-PNEU	= V1GL2UQ51UQ32 + V1GL2UQ51
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 420



=V1GL2UQ51KF4



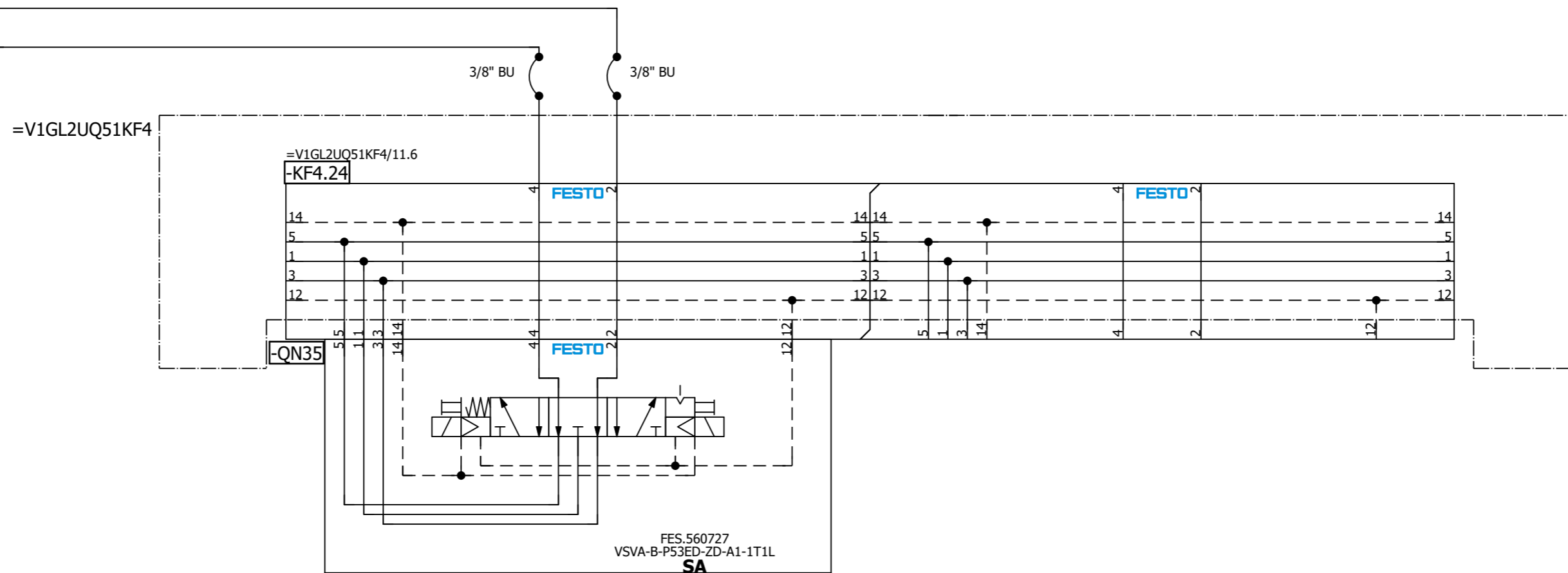
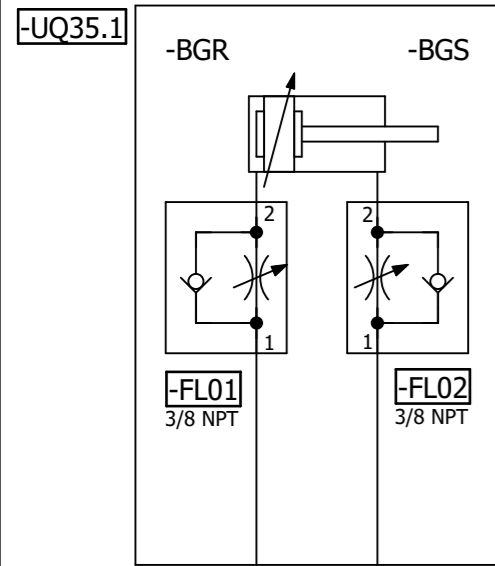
=V1GL2UQ51
-UQ33-QN33.1
Clamp 33
(RST)

=V1GL2UQ51
-UQ33-QN33.2
Clamp 33
(SET)

=V1GL2UQ51UQ32/1

=V1GL2UQ51UQ34/1

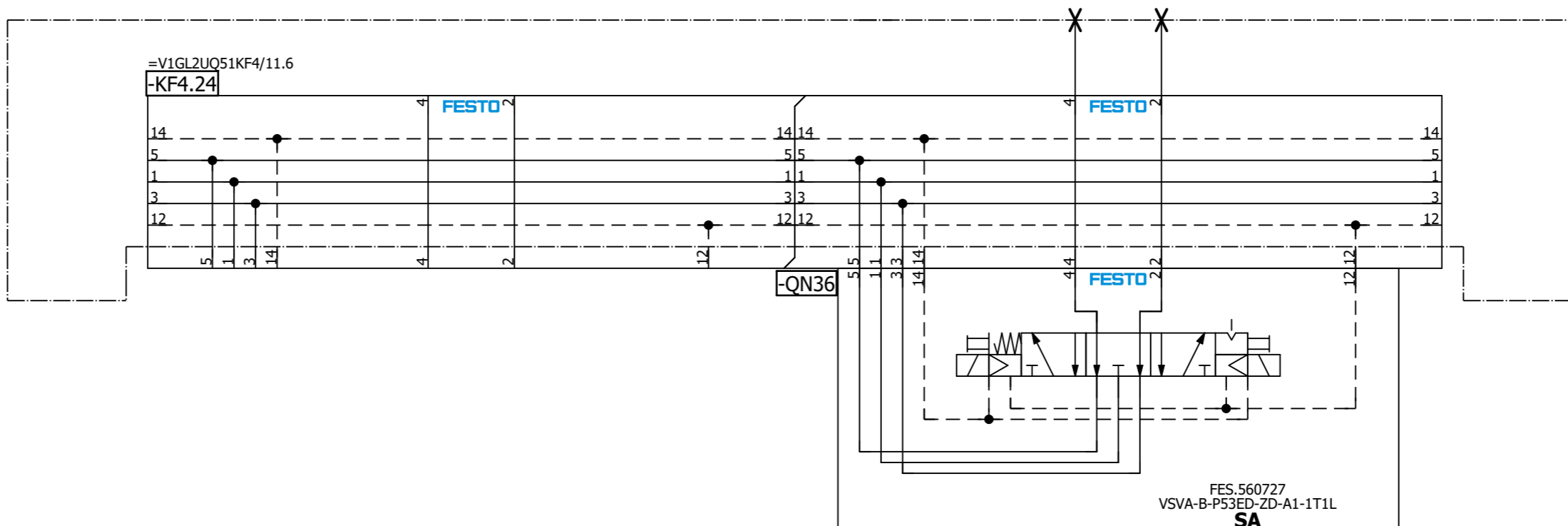
Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 33	Drawing name:		= V1GL2UQ51UQ33
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									420



**=V1GL2UQ51
-UQ35-QN35.1
Clamp 35
(RST)**

**=V1GL2UQ51
-UQ35-QN35.2
Clamp 35
(SET)**

=V1GL2UQ51KF4



=V1GL2UQ51
-UQ36-QN36.1
Spare
(RST)

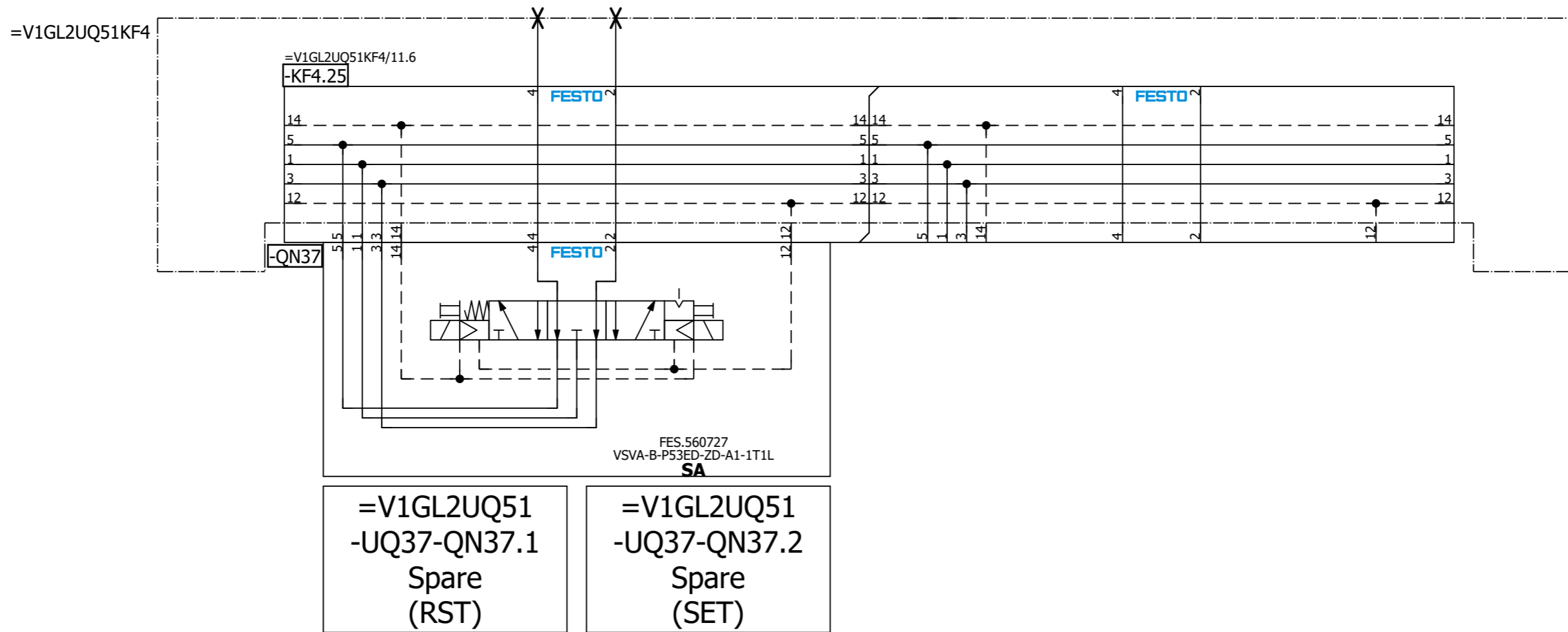
=V1GL2UQ51
-UQ36-QN36.2
Spare
(SET)

=V1GL2UQ51UQ37/1

=V1GL2UQ51UQ35/1

Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Drawing name: =2V10&MFS-PNEU		Project nr: 22-16150		Page 1
				Date	1/10/2023	Ed.	MKLEPADLO	Volvo Trucks North America		Valiant TMS		Spare
				Appr.		P6700 Bodyside RH - Robot Cell 2V10		FES.560727 VSVA-B-P53ED-ZD-A1-1T1L SA		= V1GL2UQ51UQ36 + V1GL2UQ51		420



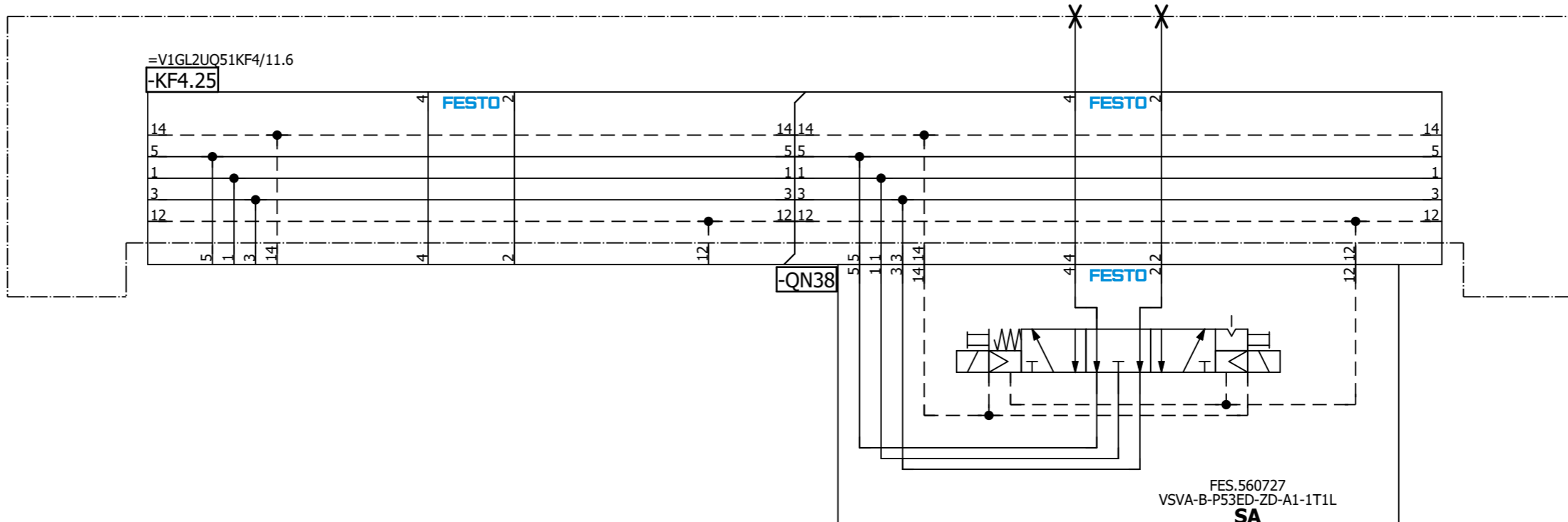


=V1GL2UQ51UQ36/1 =V1GL2UQ51UQ38/1

Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Valiant TMS	Spare	Drawing name: =2V10&MFS-PNEU	= V1GL2UQ51UQ37 + V1GL2UQ51	Project nr: 22-16150	Page 1
		1/10/2023	MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10					MFS		420	



=V1GL2UQ51KF4



=V1GL2UQ51
-UQ38-QN38.1
Spare
(RST)

=V1GL2UQ51
-UQ38-QN38.2
Spare
(SET)

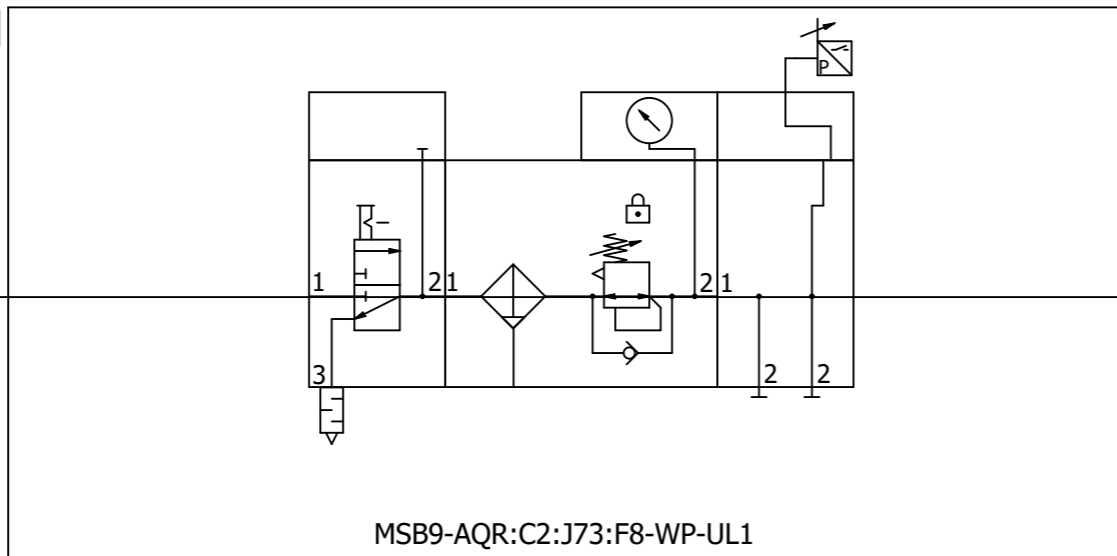
=V1GL18+KH1/1

=V1GL2UQ51UQ37/1

Date		1/10/2023		Volvo Trucks North America		Valiant TMS		Spare		Drawing name:		= V1GL2UQ51UQ38	
Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		+ V1GL2UQ51	
Appr.				Replacement of		Replaced by				Project nr:		Page	
Original										22-16150		1	
Modification		Date		Name		Original				MFS		420	

A2


=KH0+KH0/1.7 / +V1GL18KH1-P1 →

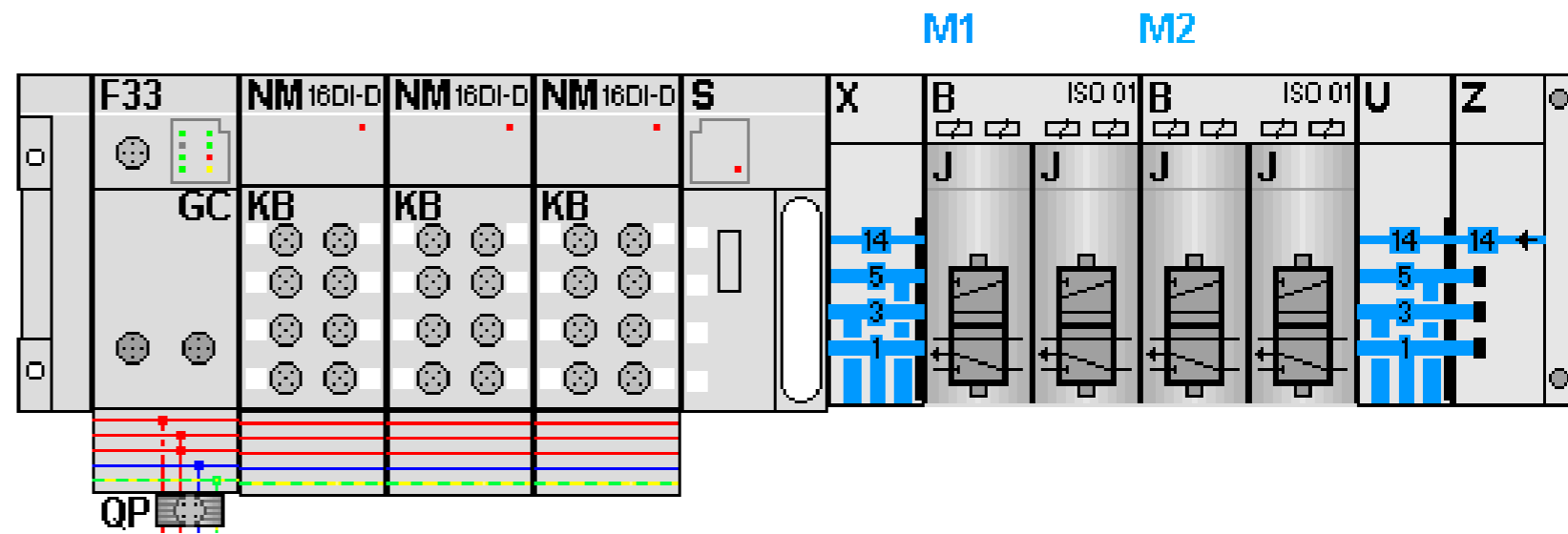


→ +V1GL18UQ51-P1 / =V1GL18UQ51KF1+V1GL18UQ51/11.0

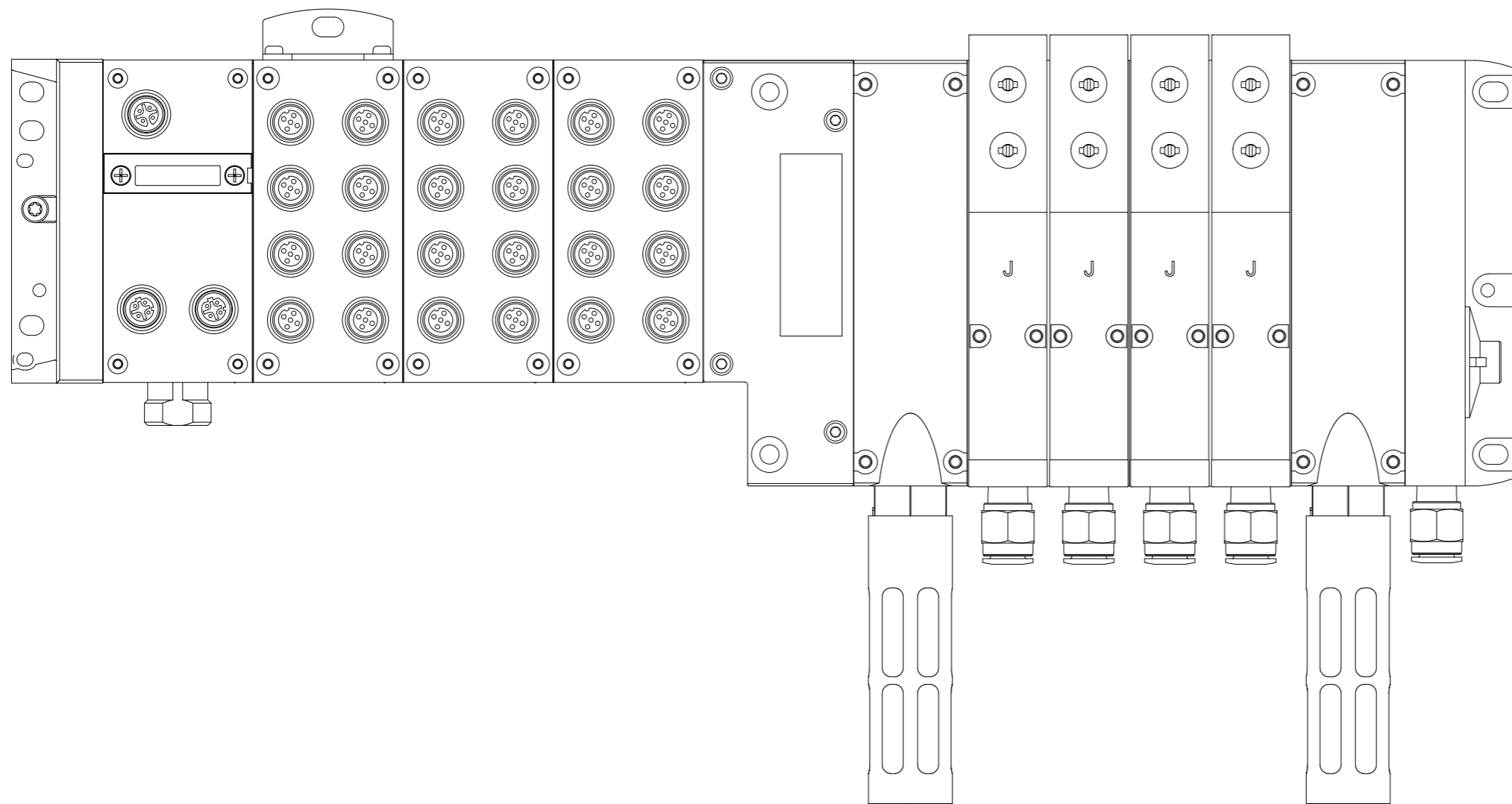
=V1GL2UQ51UQ38+V1GL2UQ51/1

=V1GL18UQ51KF1+V1GL18UQ51/5

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	Incoming air supply (Fixture)	Drawing name:		= V1GL18
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					=2V10&MFS-PNEU		+ KH1
		Appr.		Replacement of		Replaced by	Scale 1:1	Document type:		Project nr:	Page
Modification	Date	Name	Original					MFS		22-16150	1
											420



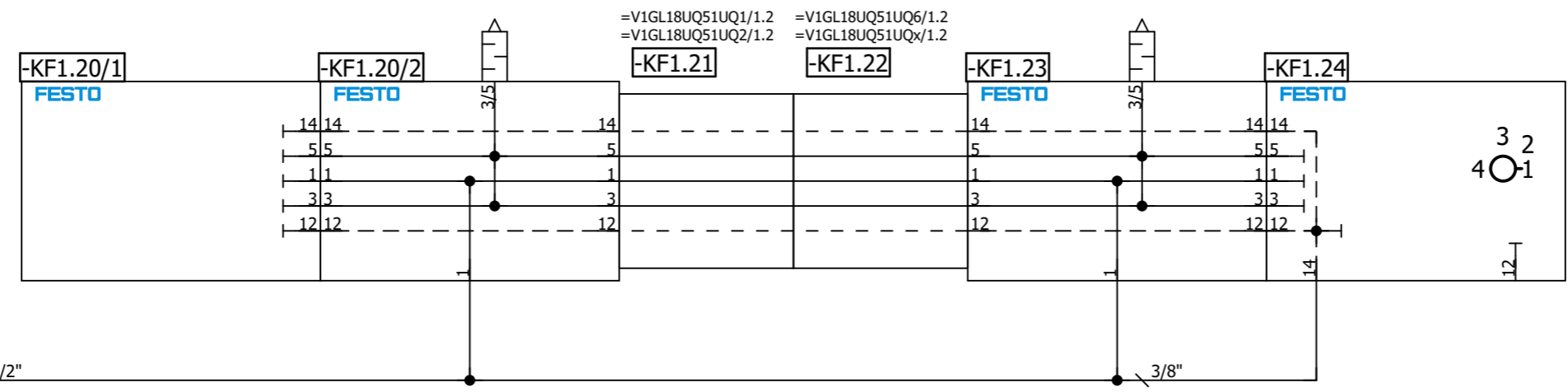
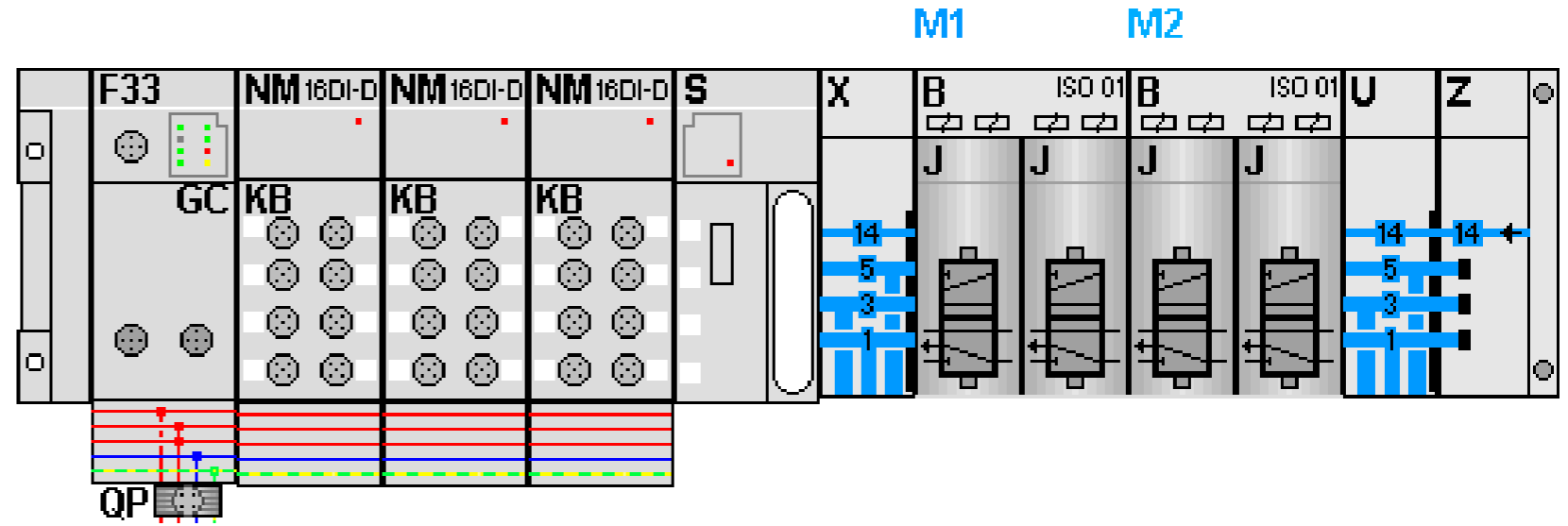
KF1.0



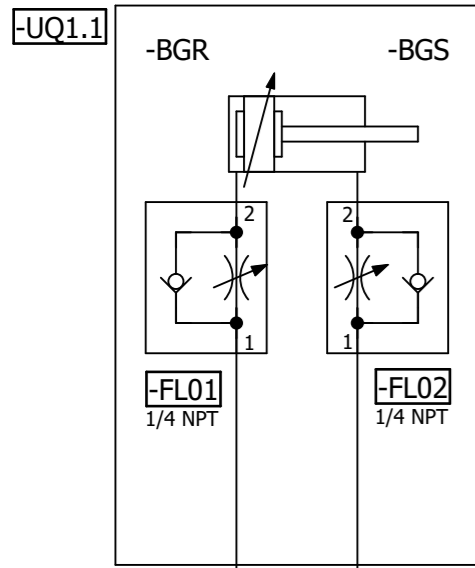
=V1GL18+KH1/1

11

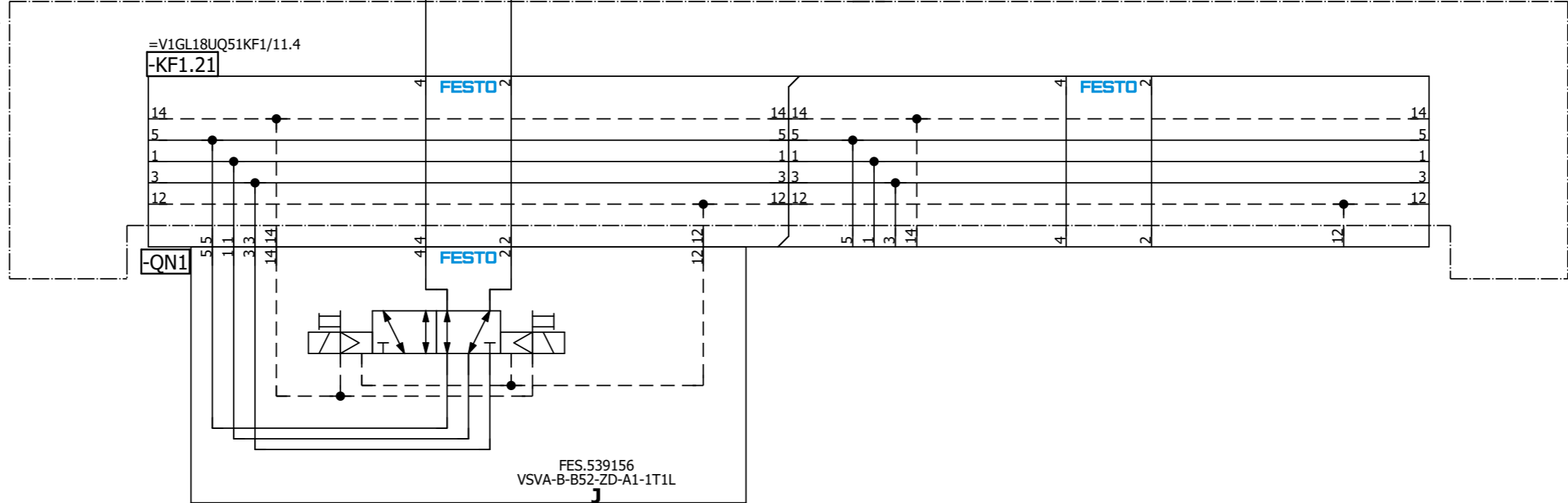
Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name:		= V1GL18UQ51KF1
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL18UQ51
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	5



Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1GL18UQ51KF1
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1GL18UQ51
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		11
									420



=V1GL18UQ51KF1



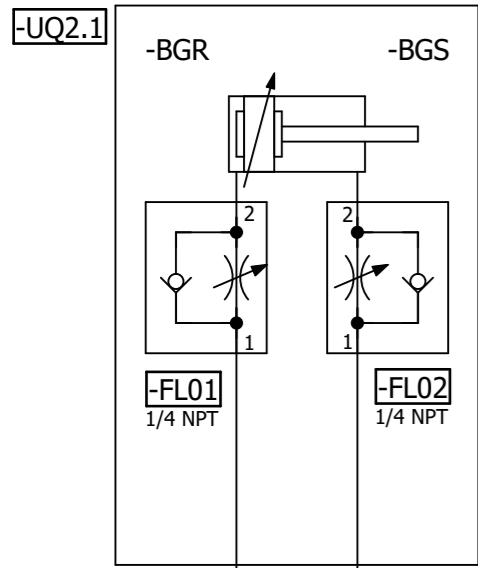
=V1GL18UQ51
-UQ1-QN1.1
Pallet Stop Sta #1
Load (RST)

=V1GL18UQ51
-UQ1-QN1.2
Pallet Stop Sta #1
Load (SET)

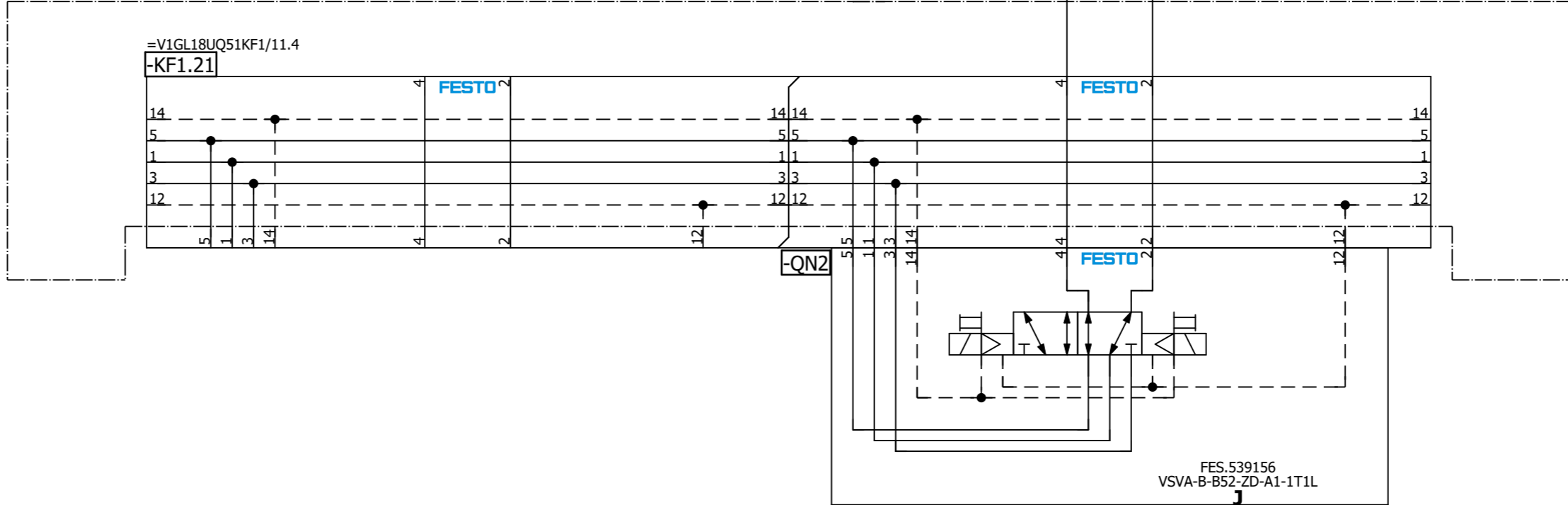
=V1GL18UQ51KF1/11

=V1GL18UQ51UQ2/1

				Date	1/10/2023	Volvo Trucks North America			Valiant TMS			Pallet Stop Station #1 Load			Drawing name:		= V1GL18UQ51UQ1	
				Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10								=2V10&MFS-PNEU		+ V1GL18UQ51		
				Appr.		Replacement of			Replaced by			Document type:		Project nr:		Page		
				Original								MFS		22-16150		1		
										Scale 1:1							420	



=V1GL18UQ51KF1

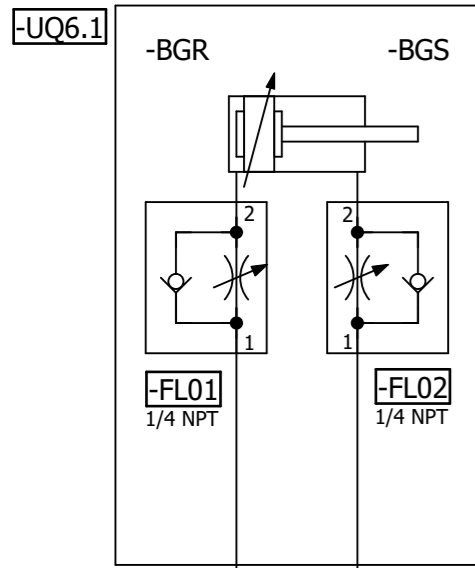


=V1GL18UQ51
-UQ2-QN2.1
Pallet Stop Sta #2
Mid-Stop (RST)

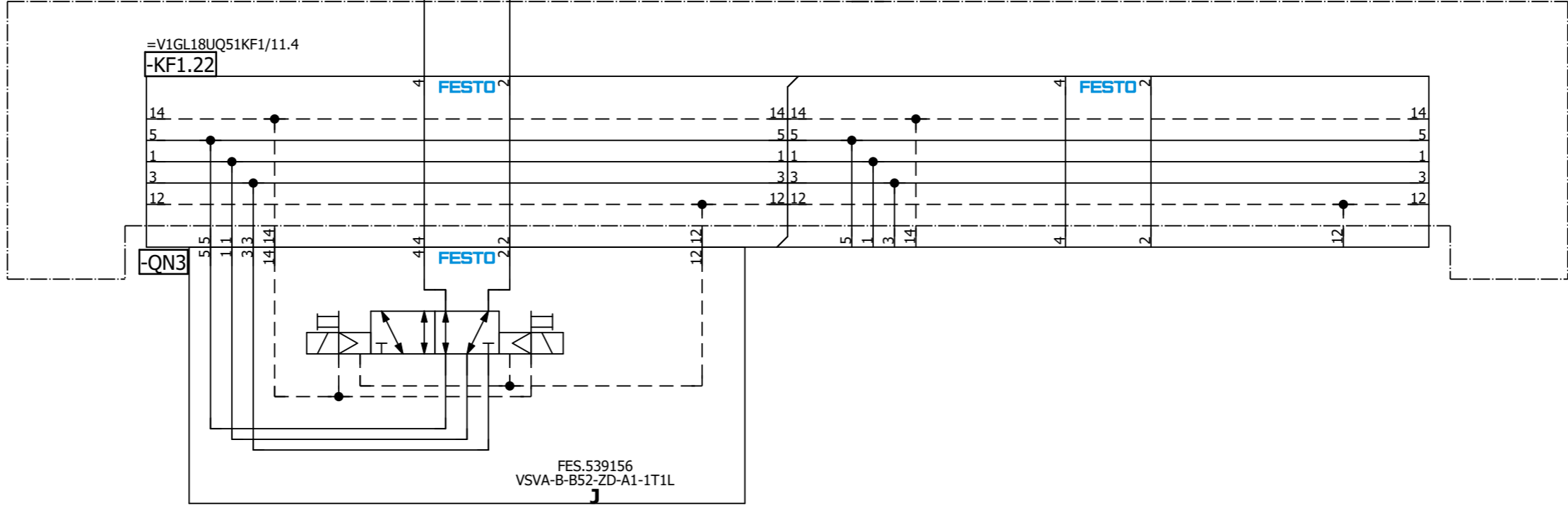
=V1GL18UQ51
-UQ2-QN2.2
Pallet Stop Sta #2
Mid-Stop (SET)

=V1GL18UQ51UQ6/1

=V1GL18UQ51UQ1/1			Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Pallet Stop Station #2 Mid-Stop	Drawing name:	= V1GL18UQ51UQ2	Page	1	
			Ed.	MKLEPADLO		Scale 1:1		=2V10&MFS-PNEU	+ V1GL18UQ51	Project nr:	22-16150	
			Appr					Replacement of	Replaced by			Document type:



=V1GL18UQ51KF1



=V1GL18UQ51
-UQ6-QN3.1
Pallet Stop Sta #6
Pre-Load (RST)

=V1GL18UQ51
-UQ6-QN3.2
Pallet Stop Sta #6
Pre-Load (SET)

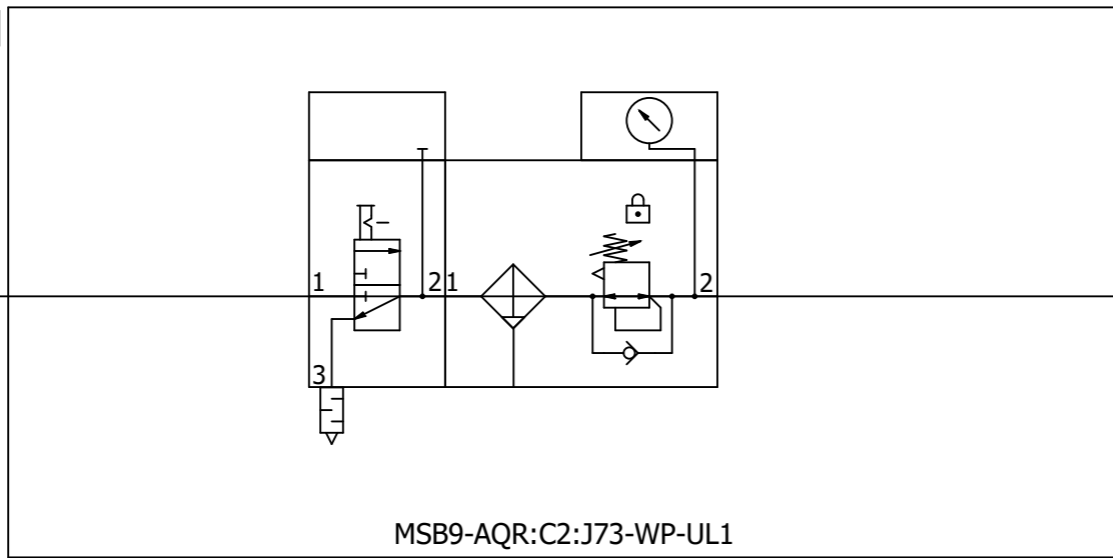
=V1GL18UQ51UQ2/1

=V1GL18UQ51UQx/1

			Date	1/10/2023	Volvo Trucks North America	Valiant TMS		Pallet Stop Station #6 Pre-Load		Drawing name: =2V10&MFS-PNEU		= V1GL18UQ51UQ6 + V1GL18UQ51	
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1		Document type: MFS		Project nr: 22-16150		Page 1
Modification	Date	Name	Original		Replacement of	Replaced by							420

A2

=KH0+KH0/1.7 / +V1GM1KH1-P1




1/2"

+V1GM1KH1-P1 /
Lift Assist

MSB9-AQR:C2:J73-WP-UL1

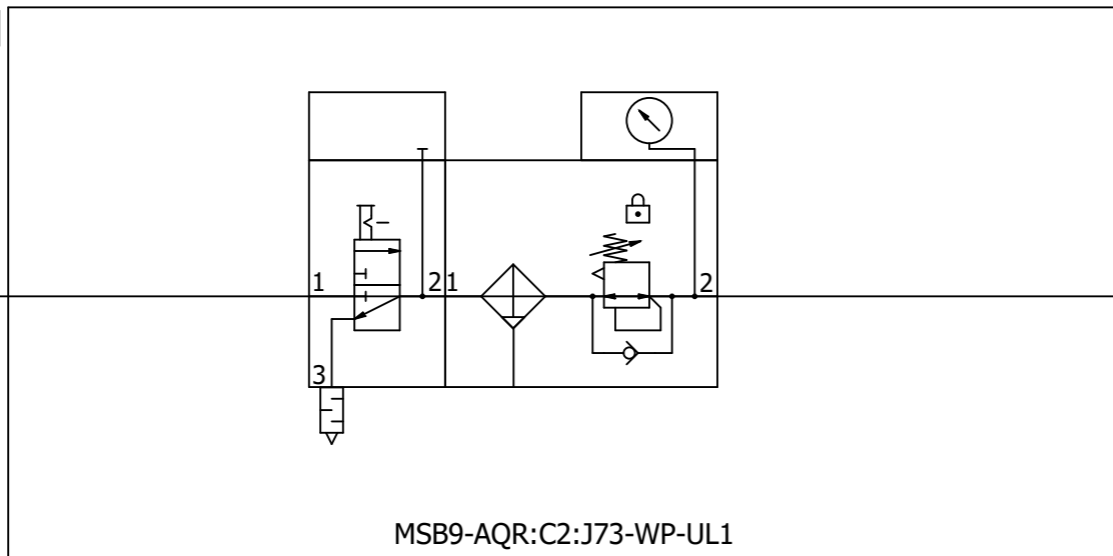
=V1GL18UQ51UQx+V1GL18UQ51/1

=V1GM2/2

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	Incoming air supply (Lift Assist)	Drawing name: =2V10&MFS-PNEU		= V1GM1 + KH1	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					Document type: MFS	Project nr: 22-16150	Page	1
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1					420

A2

=KH0+KH0/1.7 / +V1GM2KH1-P1




MSB9-AQR:C2:J73-WP-UL1

1/2"

+V1GM2KH1-P1 /
Lift Assist

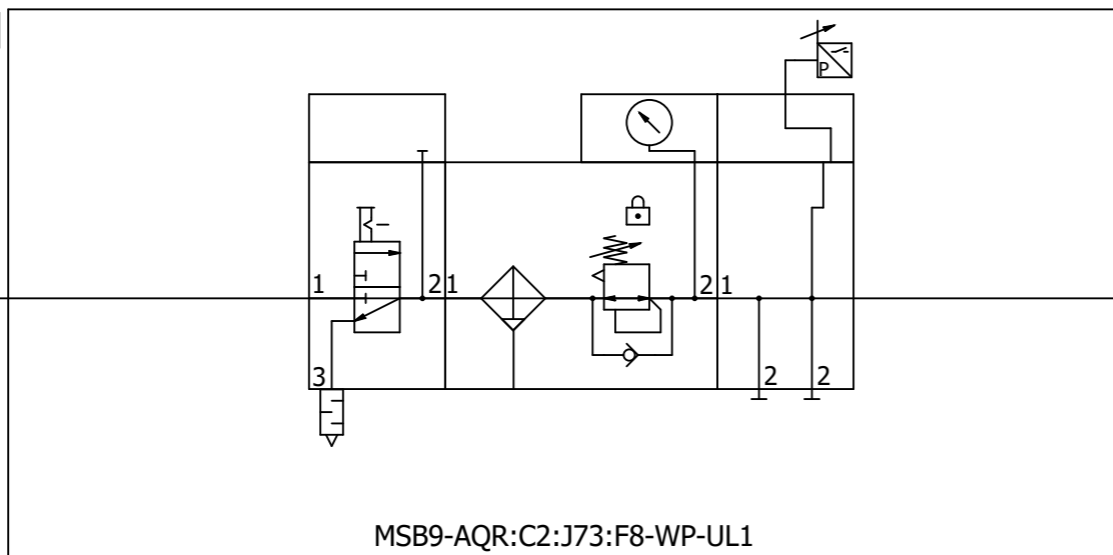
=V1GM1/1

=V1PF1/1

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	Incoming air supply (Lift Assist)	Drawing name:		= V1GM2
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10						=2V10&MFS-PNEU	
		Appr.		Replacement of		Replaced by	Scale 1:1	Document type:		Project nr:	Page
Modification	Date	Name	Original					MFS		22-16150	2
											420

A2

=KH0+KH0/1.7 / +V1PF1KH1-P1




1/2"

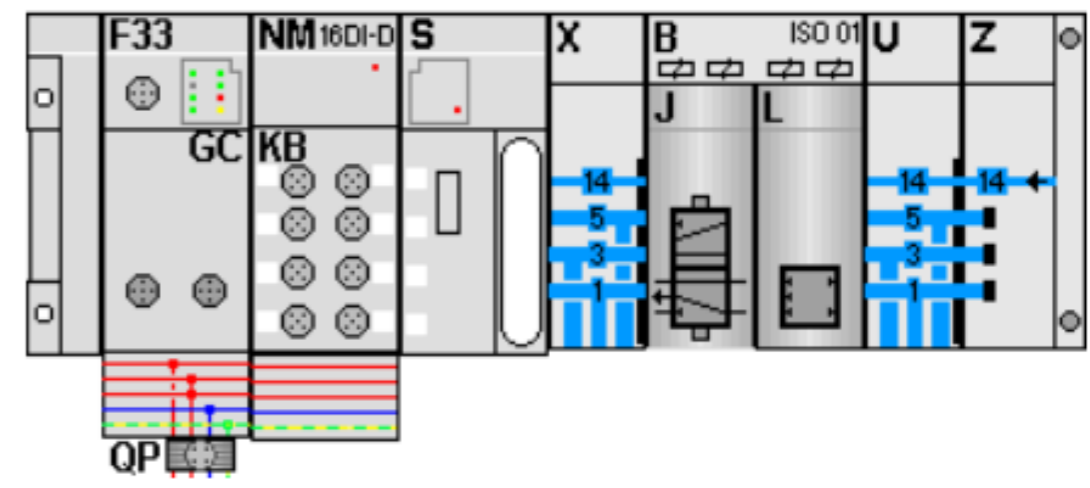
+V1PF1-P1 / =V1PF1KF1+V1PF1/11.0

=V1GM2/2

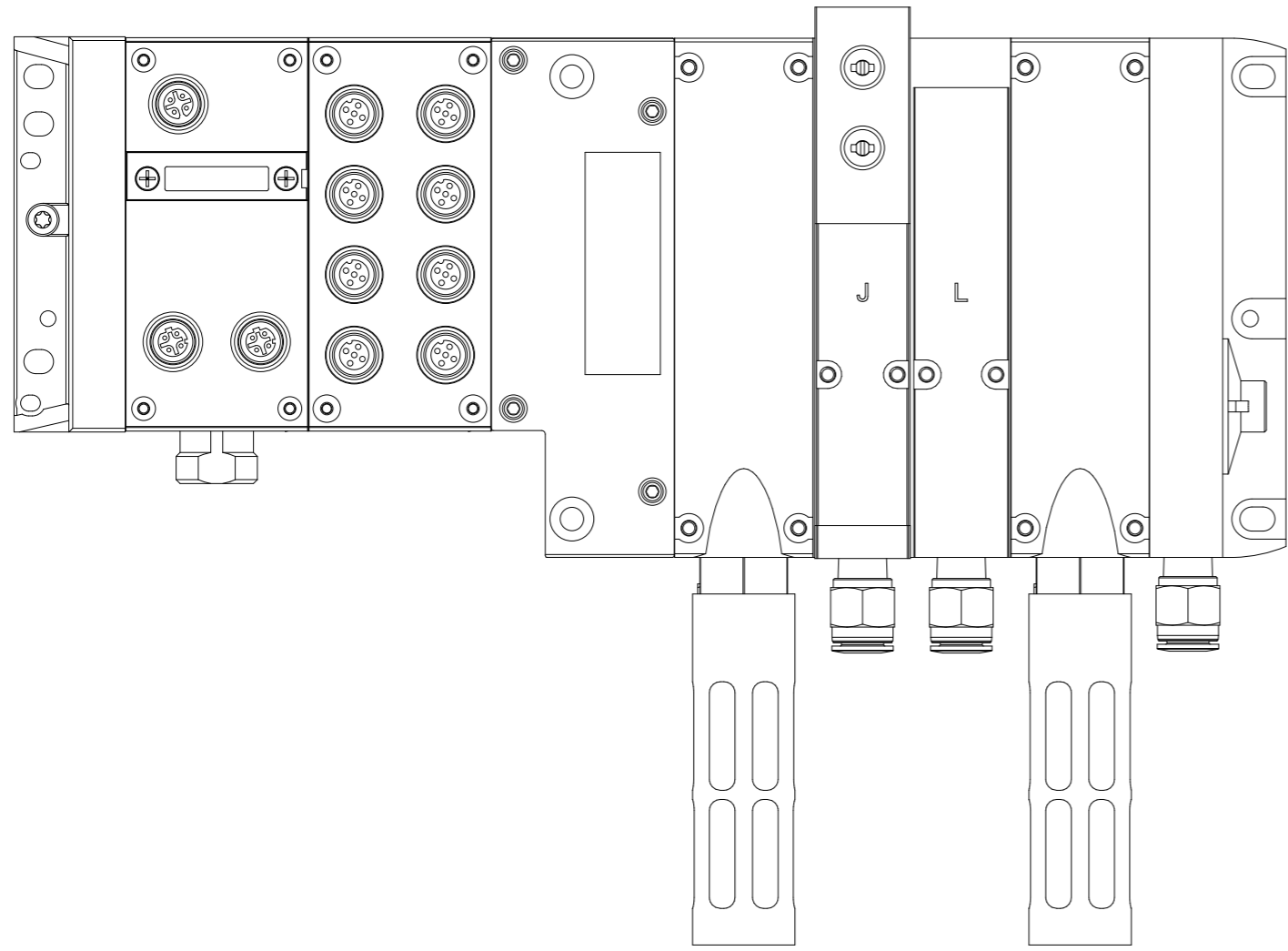
=V1PF1KF1+V1PF1/5

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	Incoming air supply (Fixture)	Drawing name:		= V1PF1
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					=2V10&MFS-PNEU		+ KH1
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1	Document type:	Project nr:	Page	1
								MFS	22-16150		420

M1

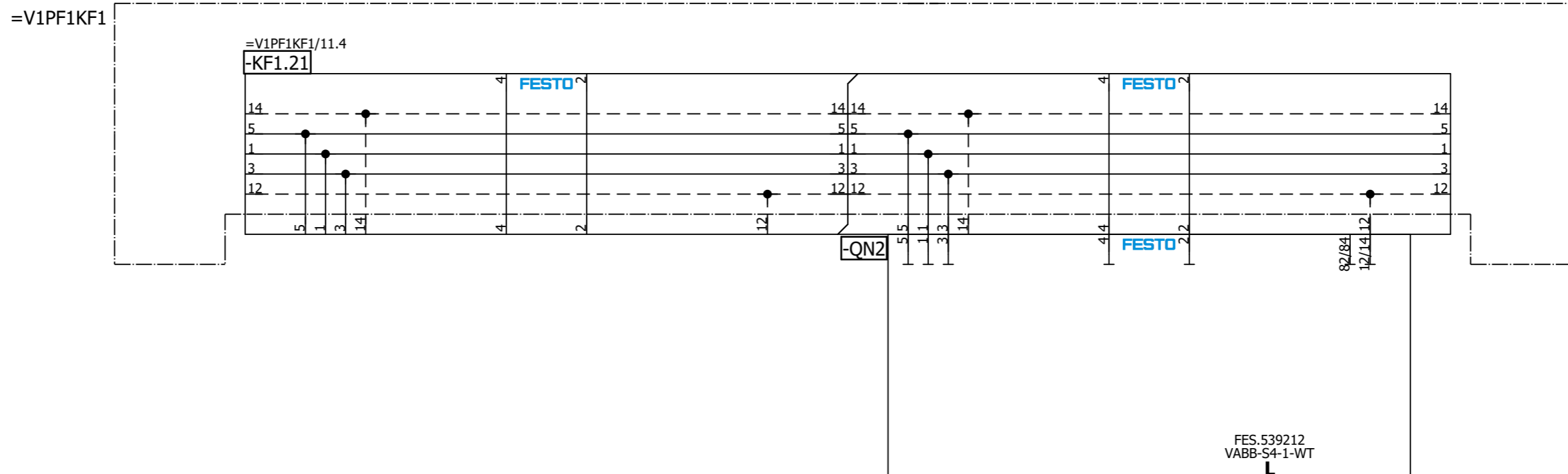


KF1.0



=V1PF1+KH1/1

Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Drawing name: =2V10&MFS-PNEU Document type: MFS		Project nr: 22-16150		Page 5
				Date: 1/10/2023 Ed.: MKLEPADLO Appr:	Volvo Trucks North America P6700 Bodyside RH - Robot Cell 2V10			= V1PF1KF1 + V1PF1				420



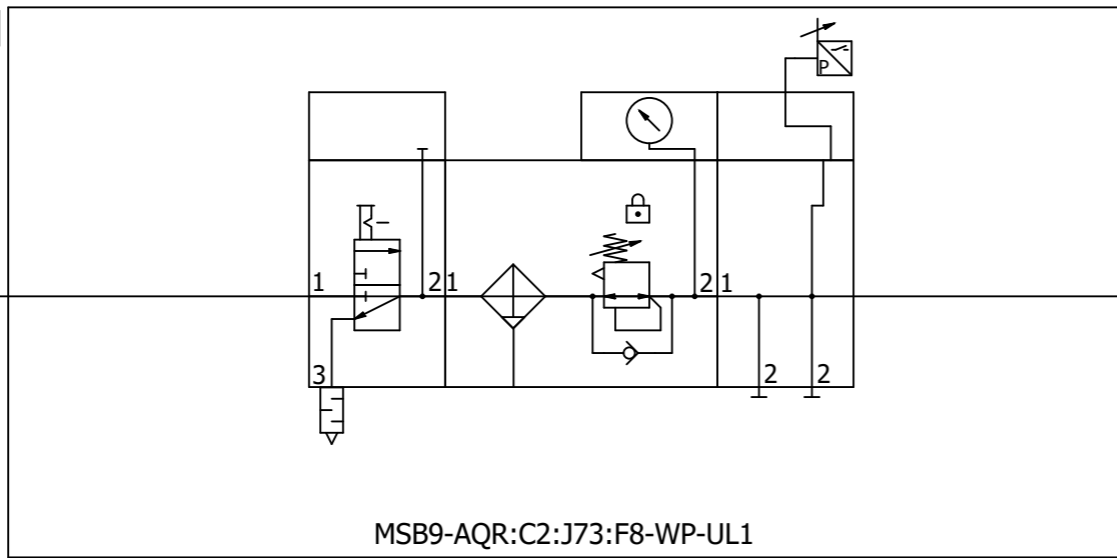
=V1PF1UQ1/1

=V1UQ51+KH1/1

		Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Spare	Drawing name:		= V1PF1UQ2
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			=2V10&MFS-PNEU		+ V1PF1
		Appr		Replacement of	Replaced by	Scale 1:1	Document type:	Project nr:	Page
Modification	Date	Name	Original				MFS	22-16150	1
									420

A2

=KH0+KH0/1.7 / +V1UQ51KH1-P1




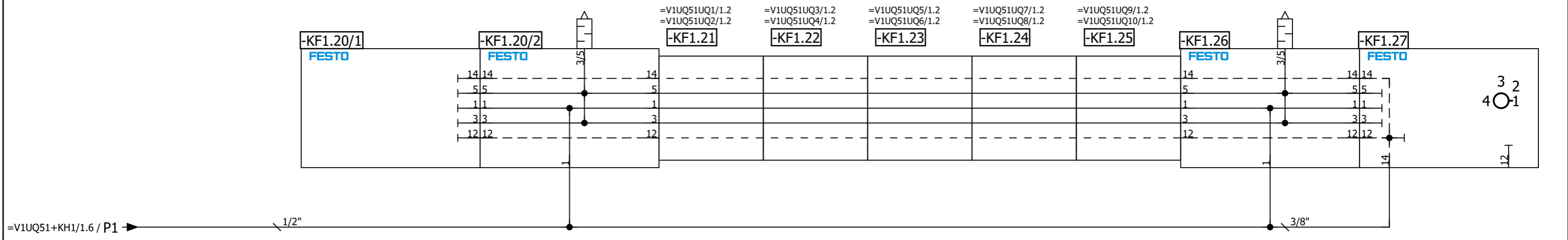
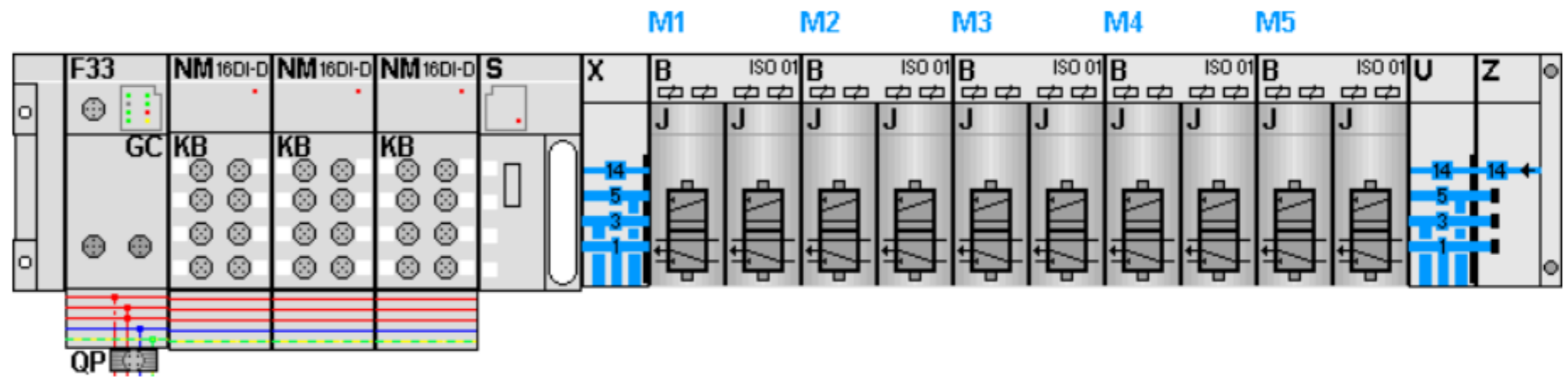
1/2"

+V1UQ51-P1 / =V1UQ51KF1+V1UQ51/11.0

=V1PF1UQ2+V1PF1/1

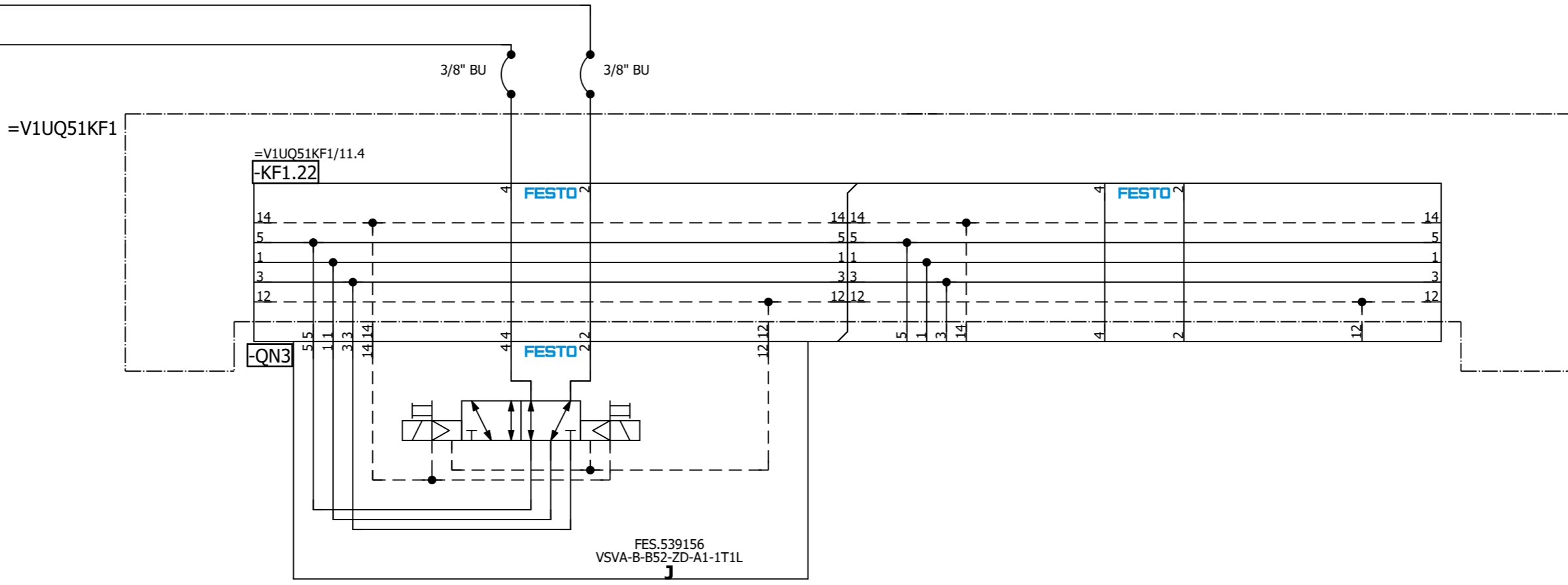
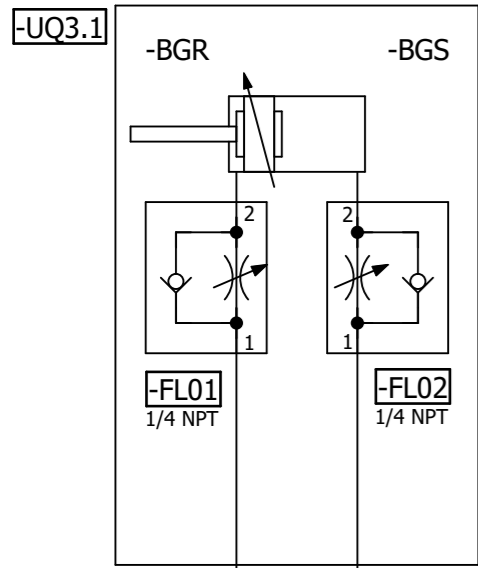
=V1UQ51KF1+V1UQ51/5

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	Incoming air supply (Fixture)	Drawing name:		= V1UQ51
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			Scale 1:1		=2V10&MFS-PNEU		+ KH1
Modification	Date	Name	Original	Replacement of	Replaced by			Document type:	Project nr:	Page	1
								MFS	22-16150		420



5

=V1UQ51UQ1/1

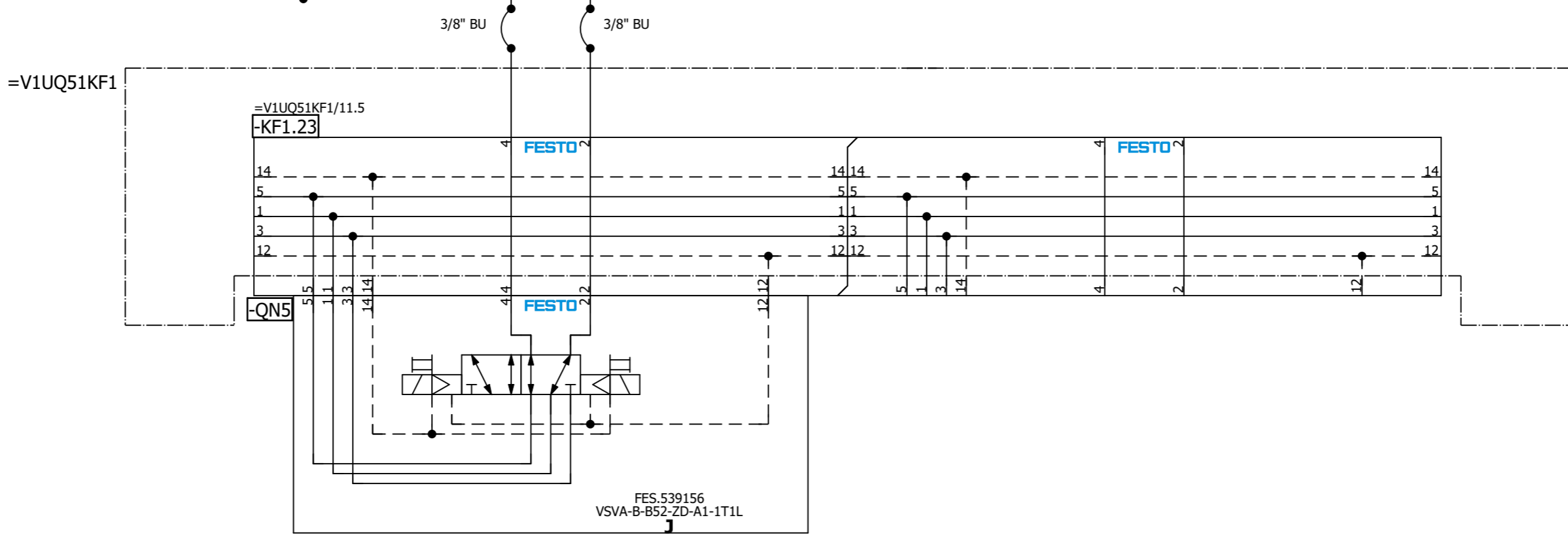
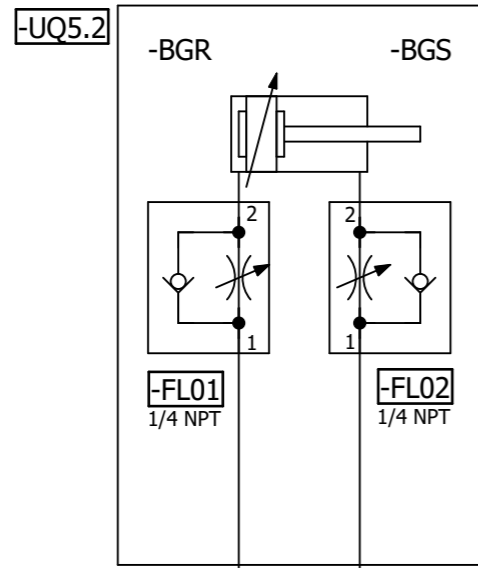
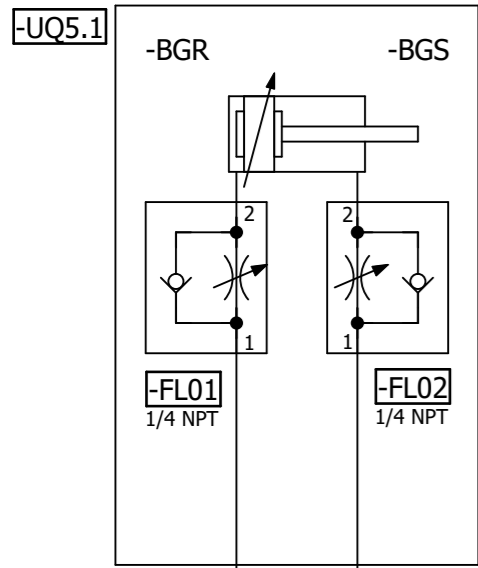


=V1UQ51
-UQ3-QN3.1
Shot Pin 3
(RST)

=V1UQ51
-UQ3-QN3.2
Shot Pin 3
(SET)

=V1UQ51UQ2/1 =V1UQ51UQ4/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 3	Drawing name:		= V1UQ51UQ3
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ51
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1



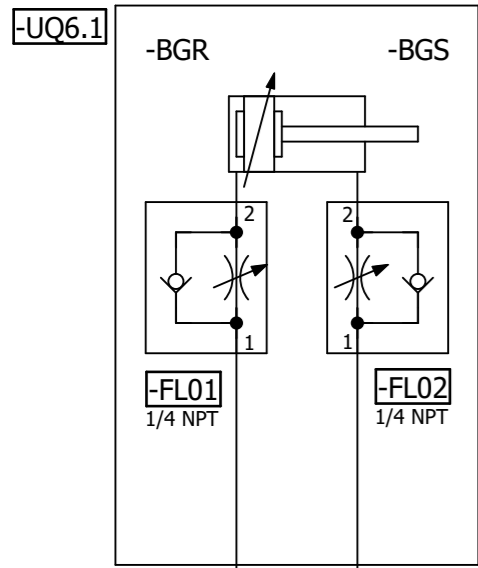
=V1UQ51
 -UQ5-QN5.1
 Clamps 5
 (RST)

=V1UQ51
 -UQ5-QN5.2
 Clamps 5
 (SET)

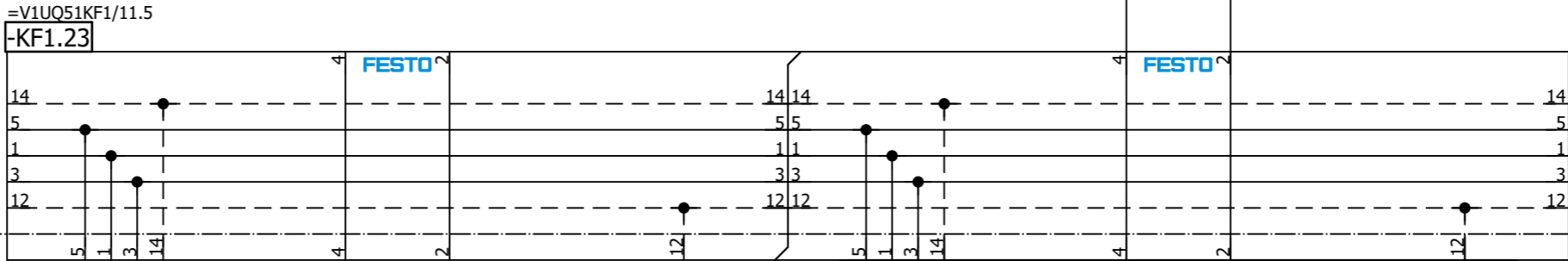
=V1UQ51UQ4/1

=V1UQ51UQ6/1

Date		1/10/2023		Volvo Trucks North America		Valiant TMS		Clamps 5		Drawing name: =2V10&MFS-PNEU		= V1UQ51UQ5 + V1UQ51	
Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Appr				Replacement of		Replaced by						Page 1	
Modification		Date		Name		Original						420	

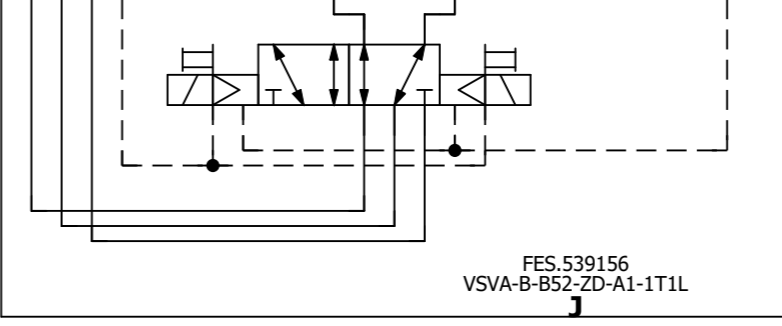


=V1UQ51KF1



-QN6

3/8" BU 3/8" BU



=V1UQ51
-UQ6-QN6.1
Clamp 6
(RST)

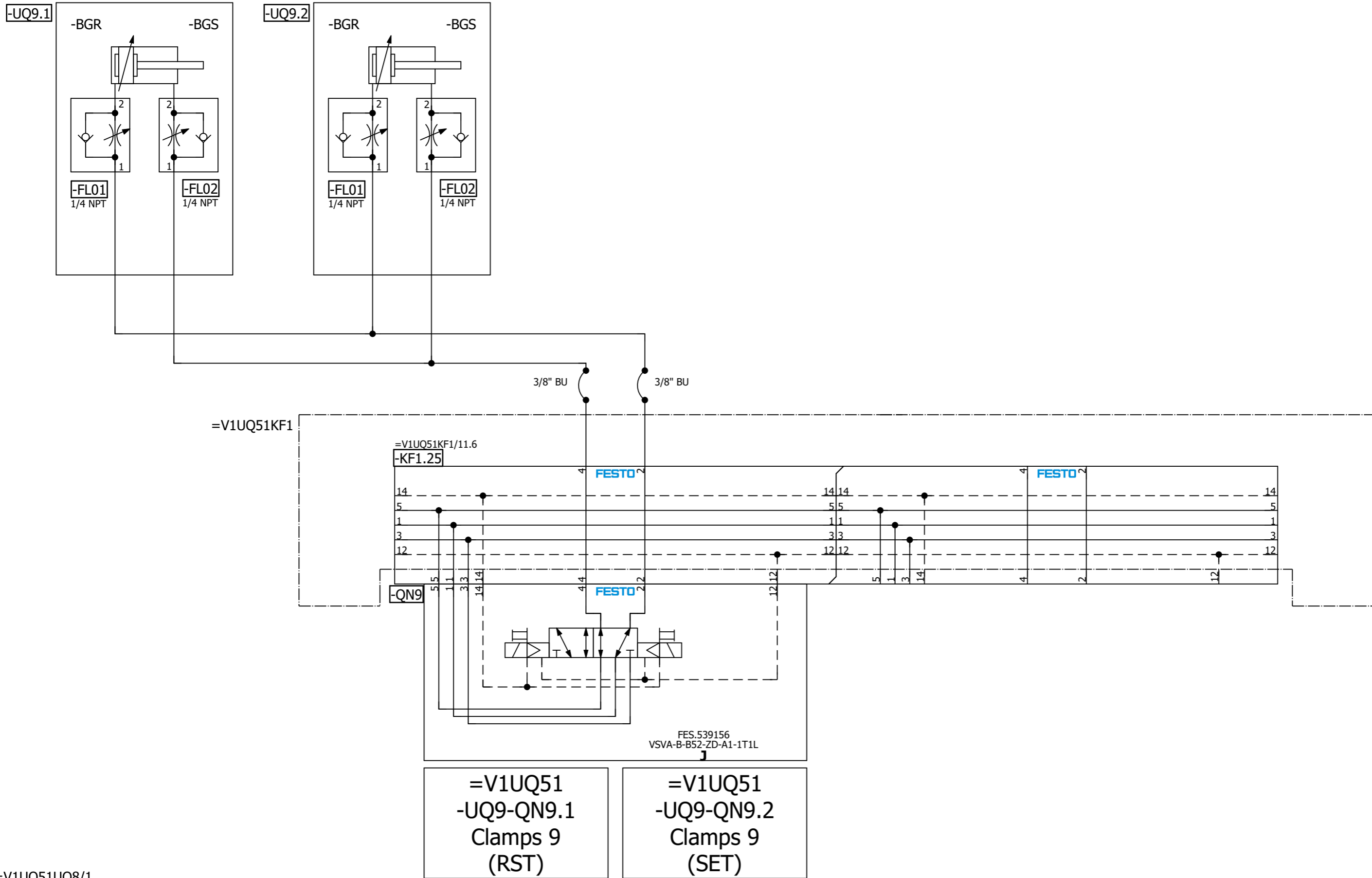
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-UQ6-QN6.2
Clamp 6
(SET)

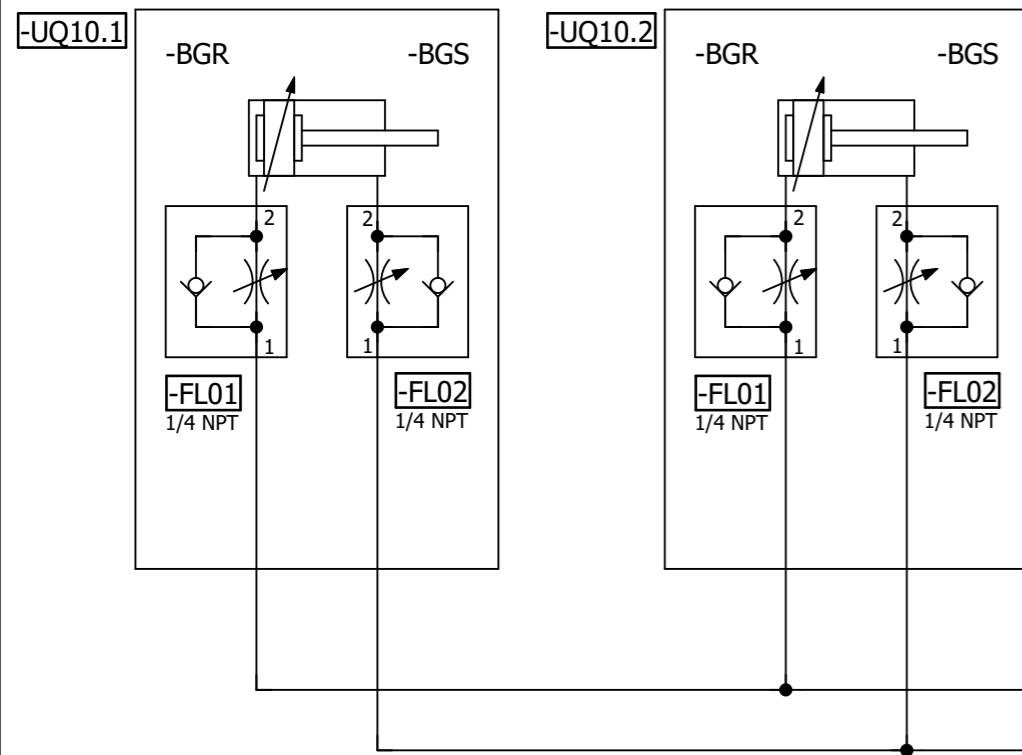
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=V1UQ51UQ7/1

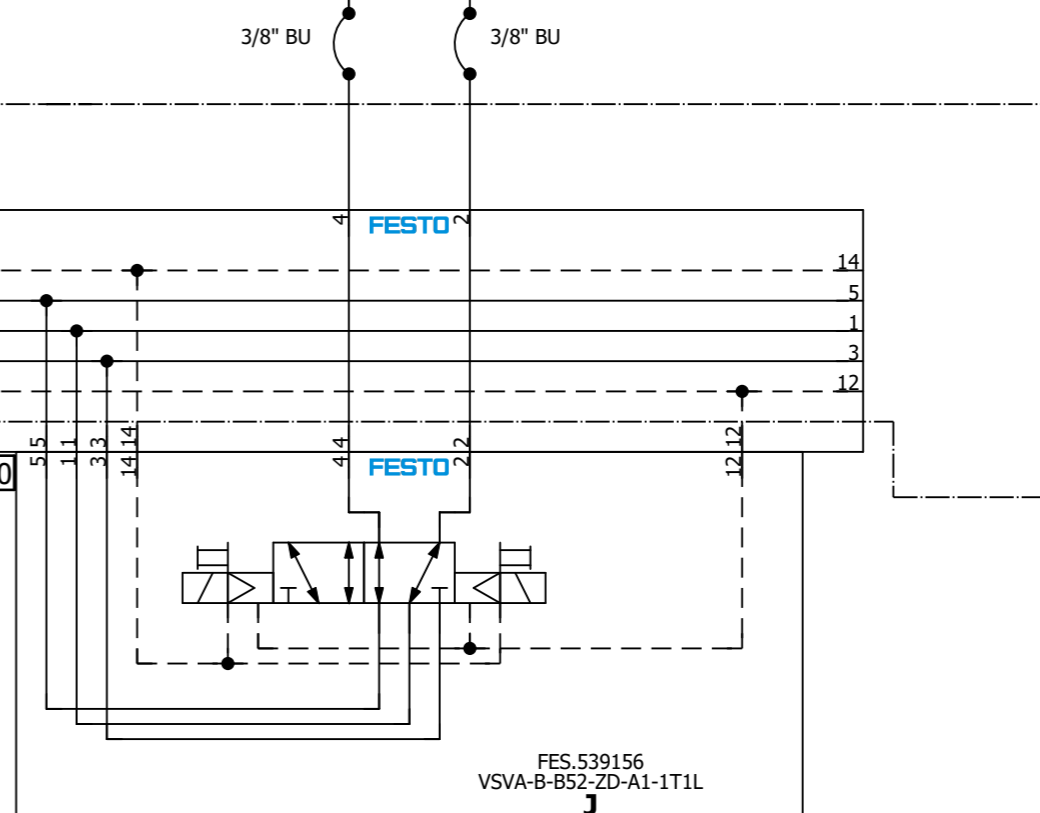
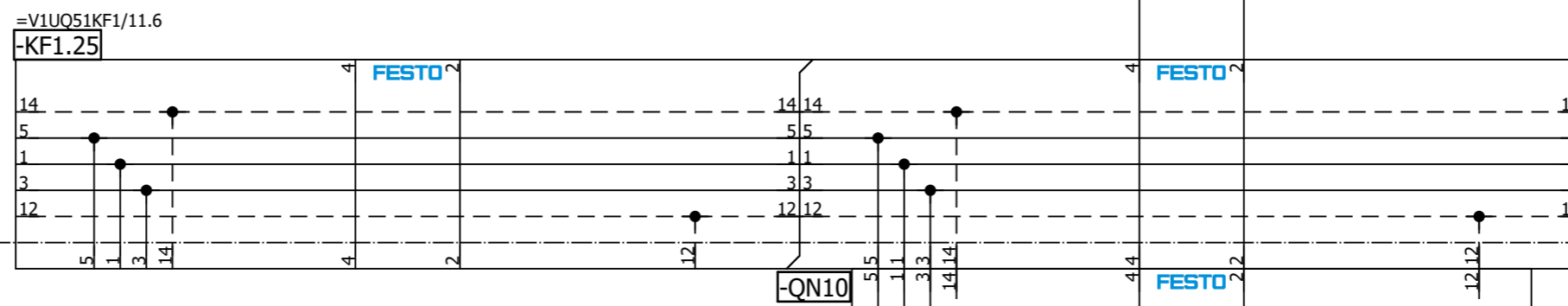
Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Valiant TMS	Clamp 6	Drawing name: =2V10&MFS-PNEU	Project nr: 22-16150	Page 1
		1/10/2023	MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10					= V1UQ51UQ6 + V1UQ51		420







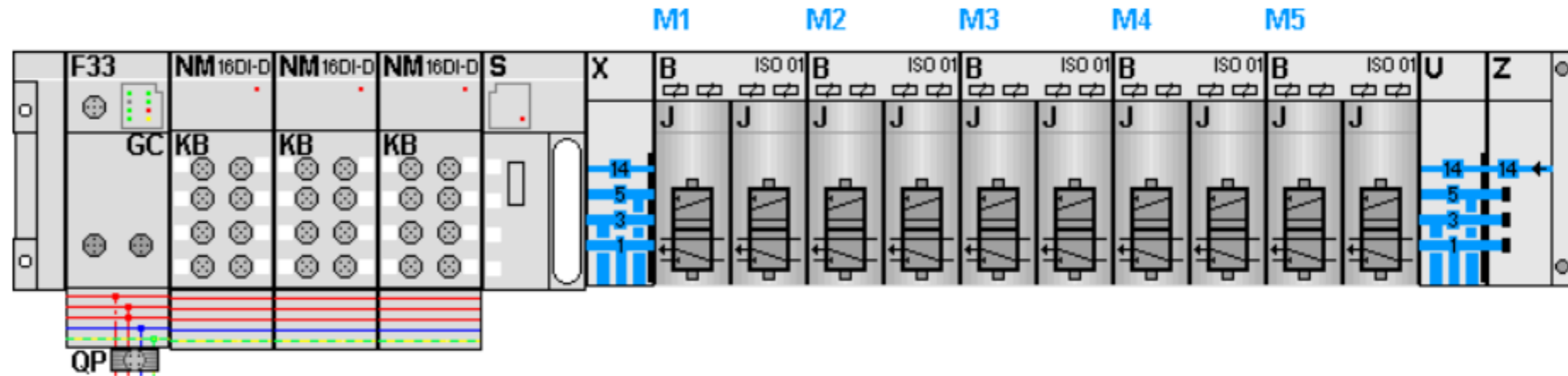
=V1UQ51KF1



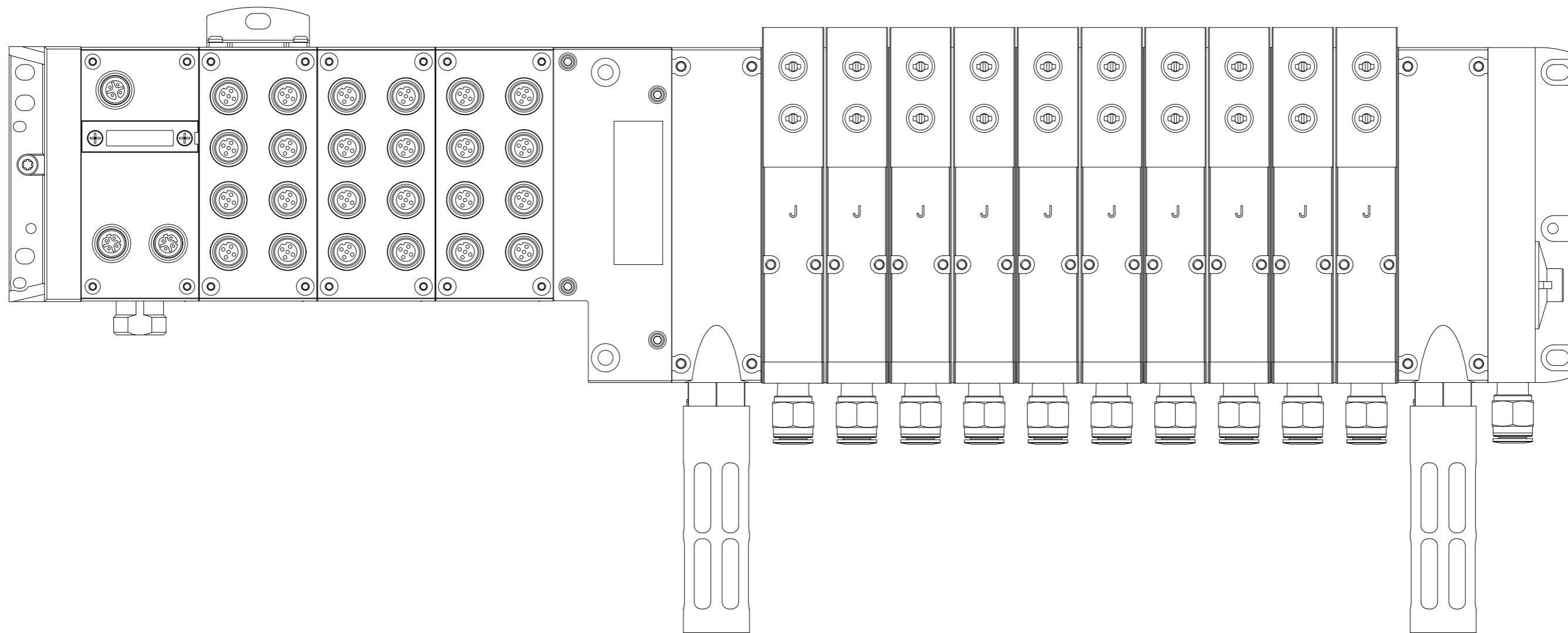
=V1UQ51
-UQ10-QN10.1
Clamps 10
(RST)

=V1UQ51
-UQ10-QN10.2
Clamps 10
(SET)

=V1UQ52+KH1/1



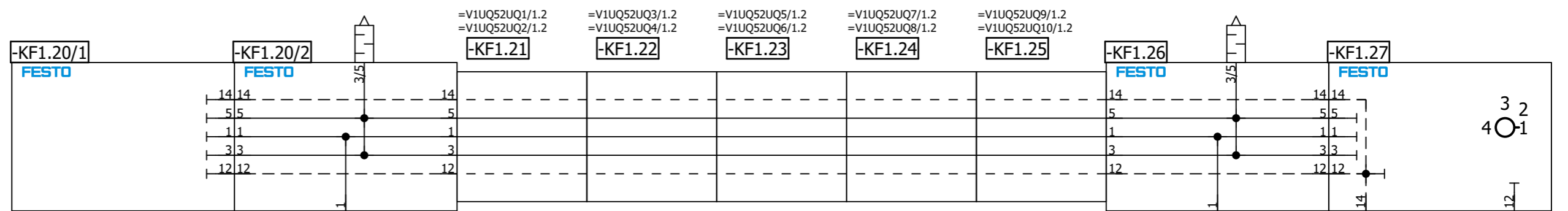
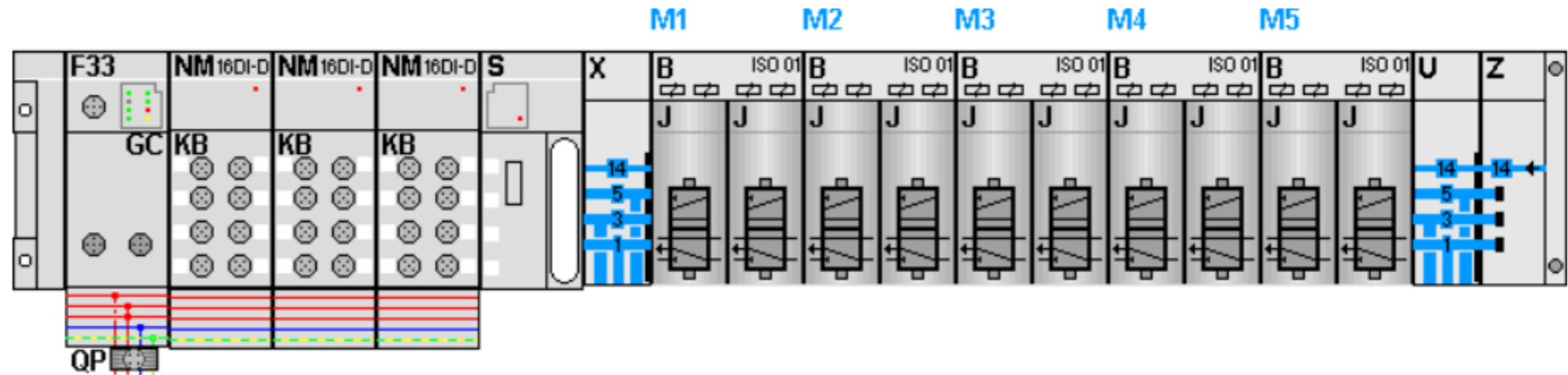
KF1.0

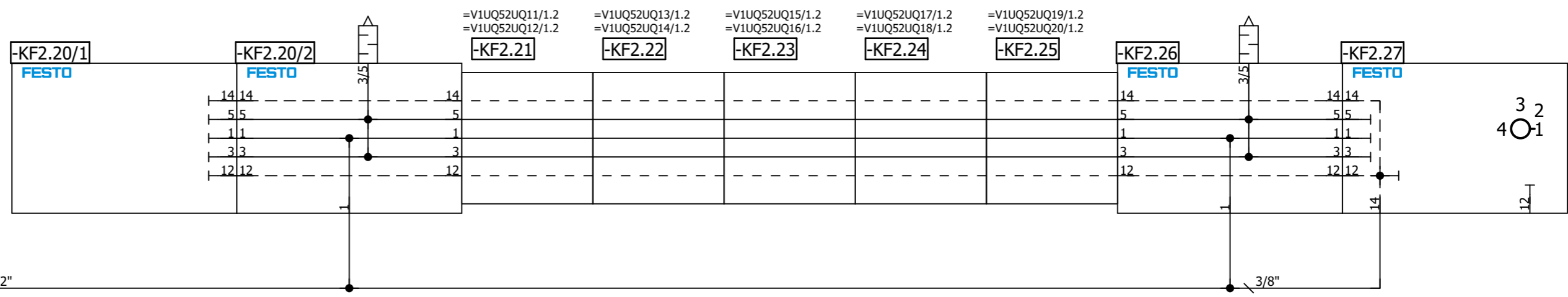
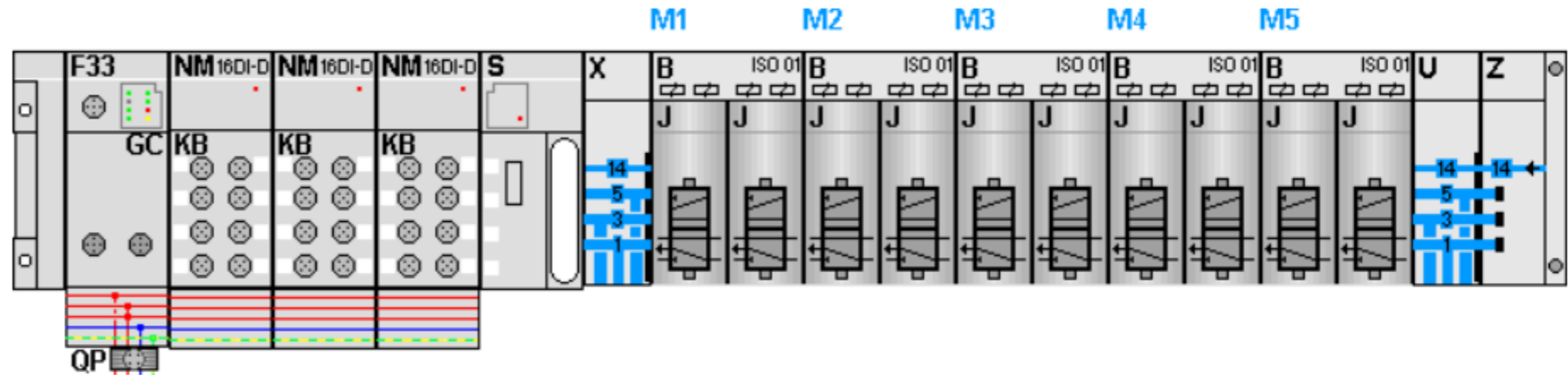


=V1UQ52+KH1/1

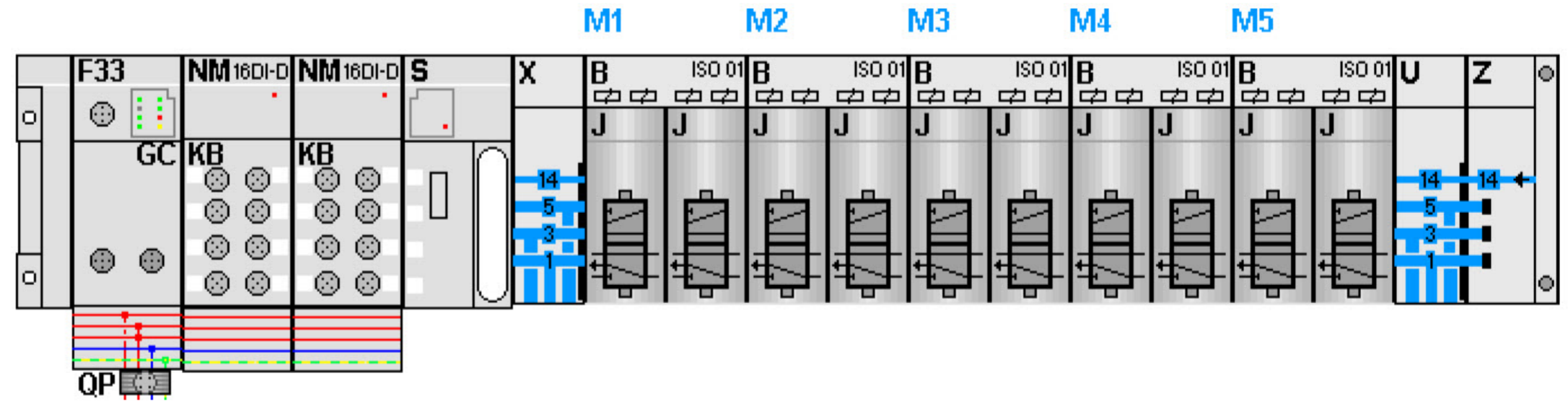
11

		Date	1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name:		= V1UQ52KF1
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
		Appr		Replacement of		Scale 1:1	Document type:		Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150		5
										420

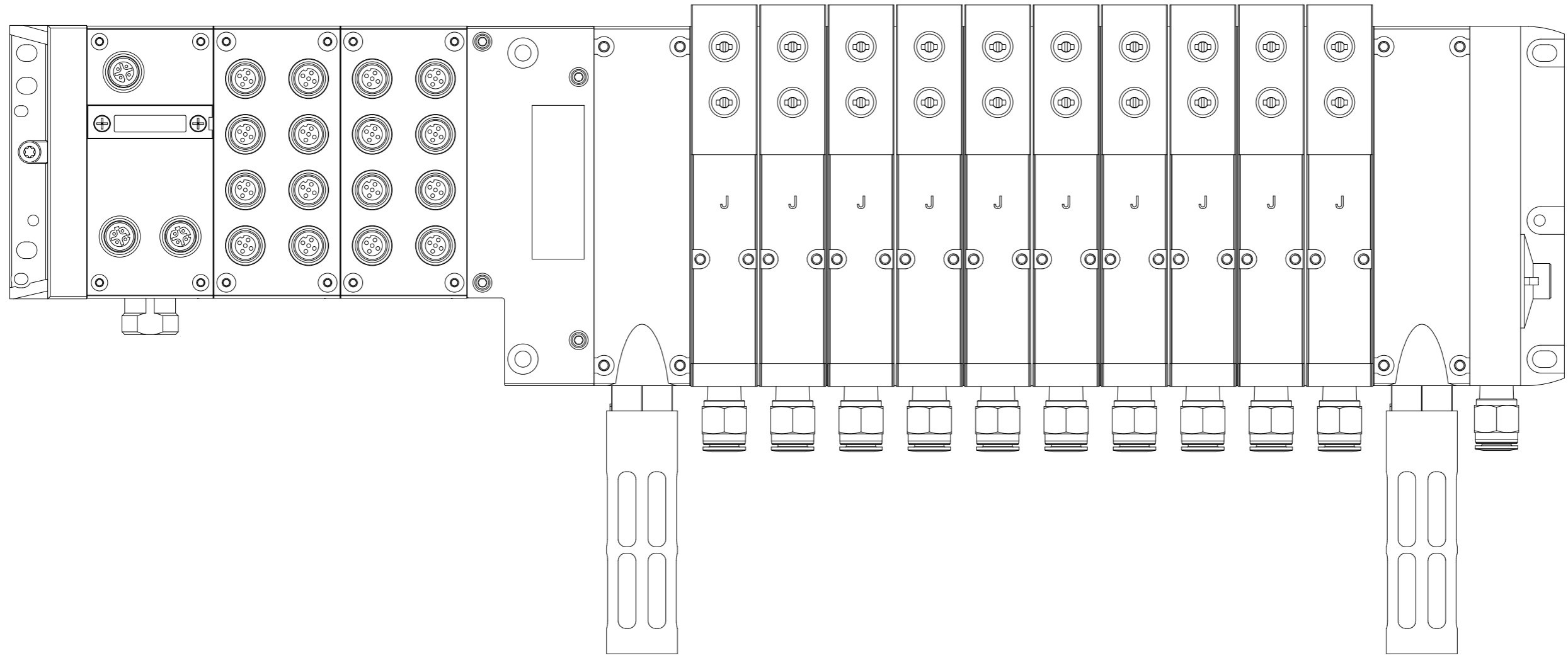




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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52			
Appr.			Replacement of		Scale 1:1	Document type:		MFS	Project nr:	22-16150	Page	11
Original			Replaced by			Project nr:		22-16150		Page		420

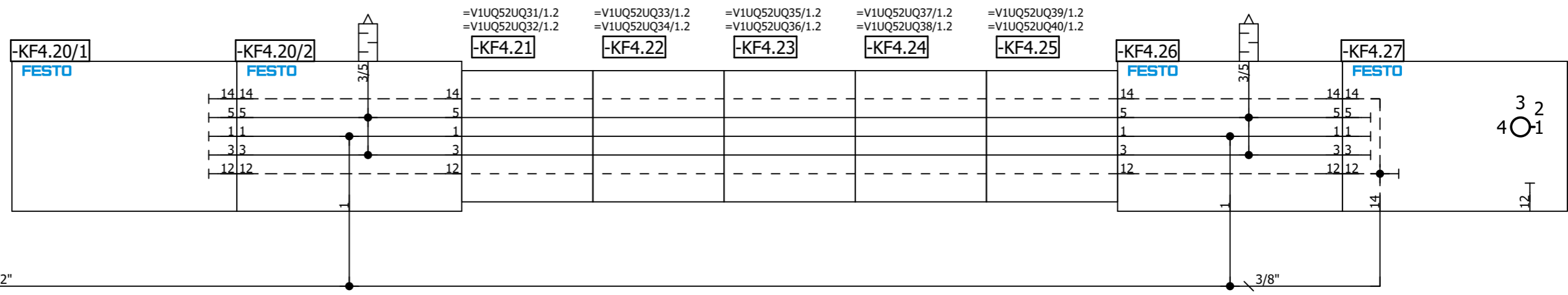
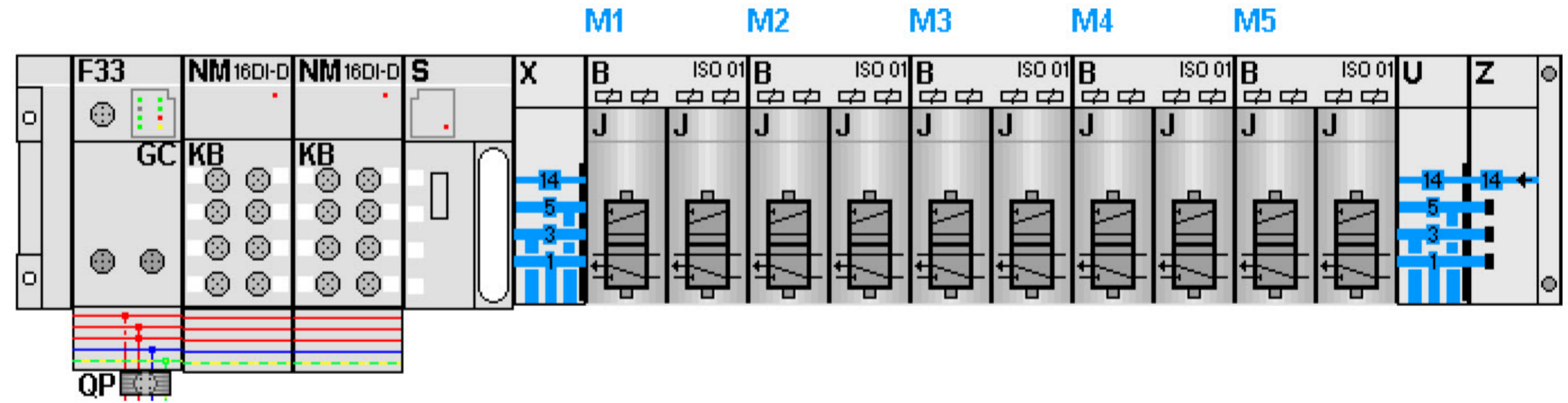


KF3.0

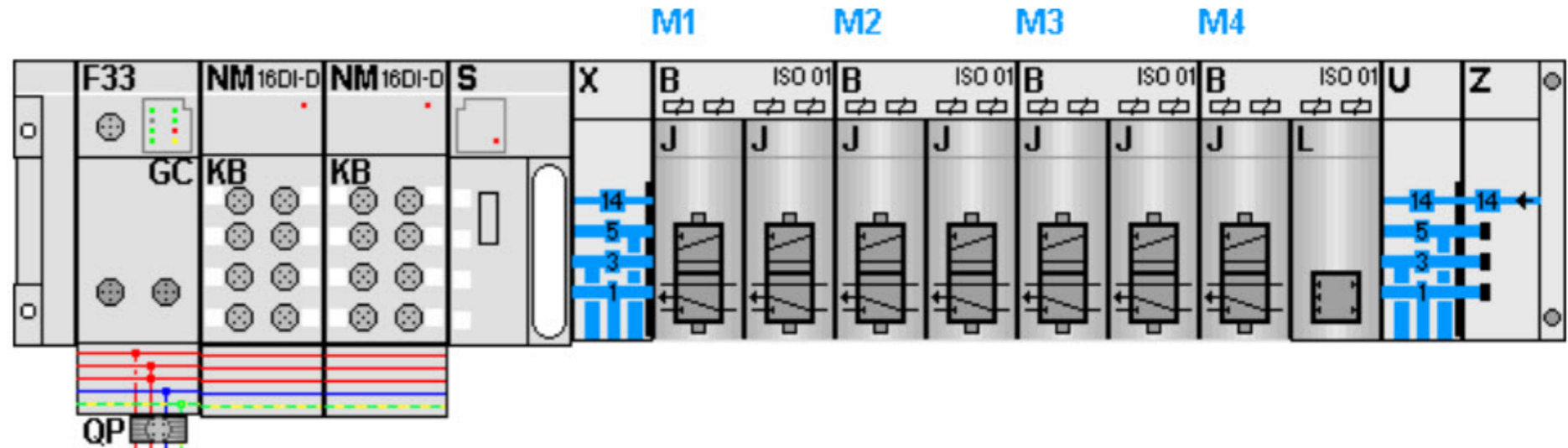


=V1UQ52KF2/11

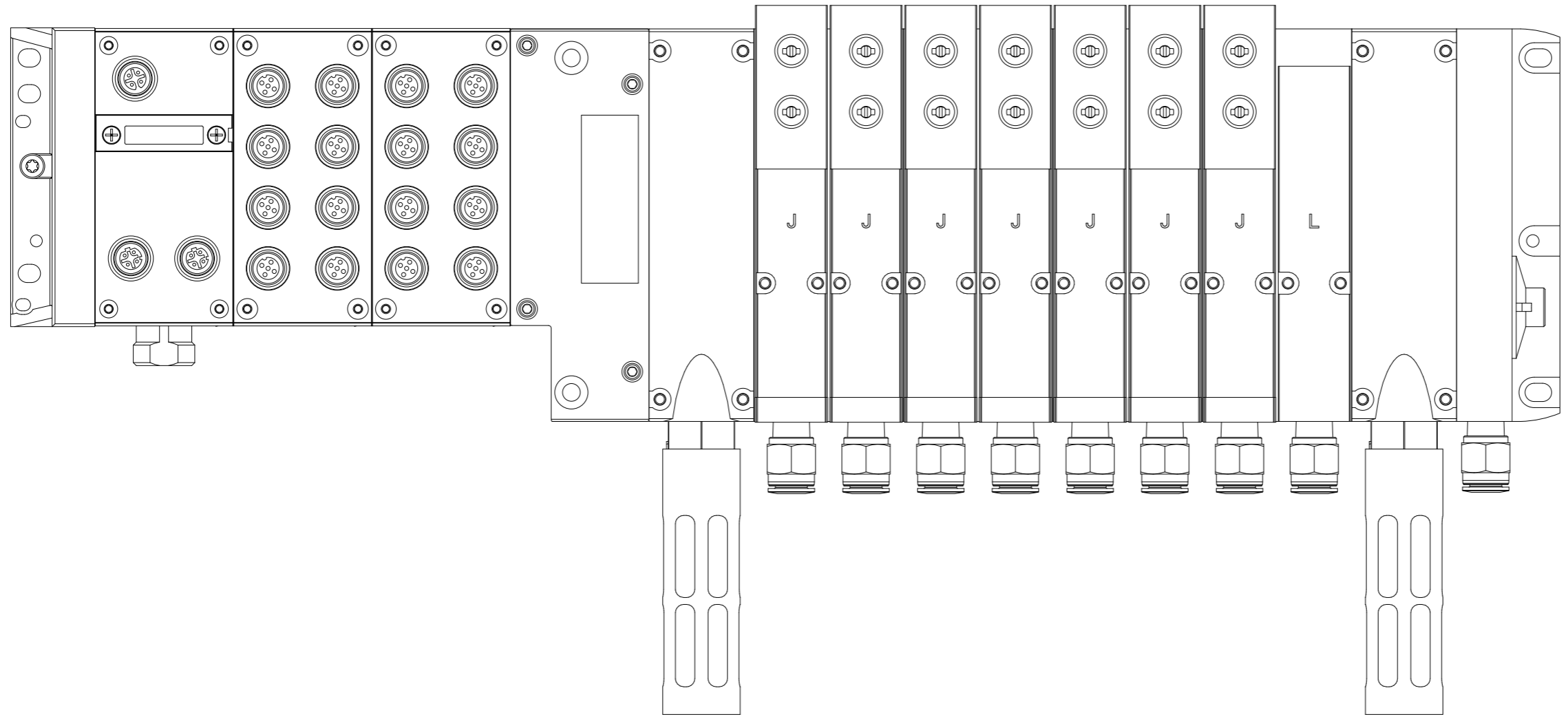
Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name:		= V1UQ52KF3
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1	Document type:	Project nr:		Page
Modification	Date	Name	Replaced by				MFS	22-16150	
									420



Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1UQ52KF4	
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52	
Appr.			Replacement of		Scale 1:1		Document type:		Project nr:	
Modification	Date	Name	Original	Replaced by			MFS	22-16150	Page	
										420

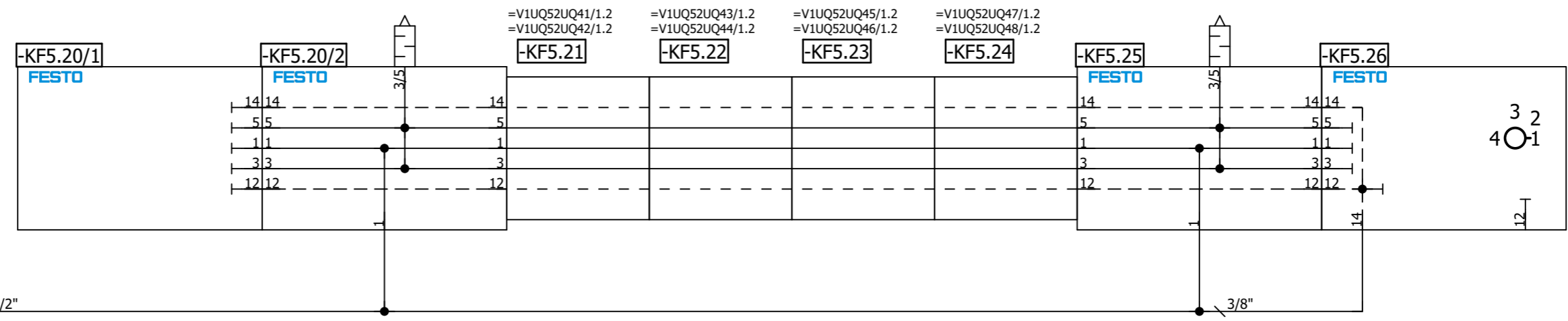
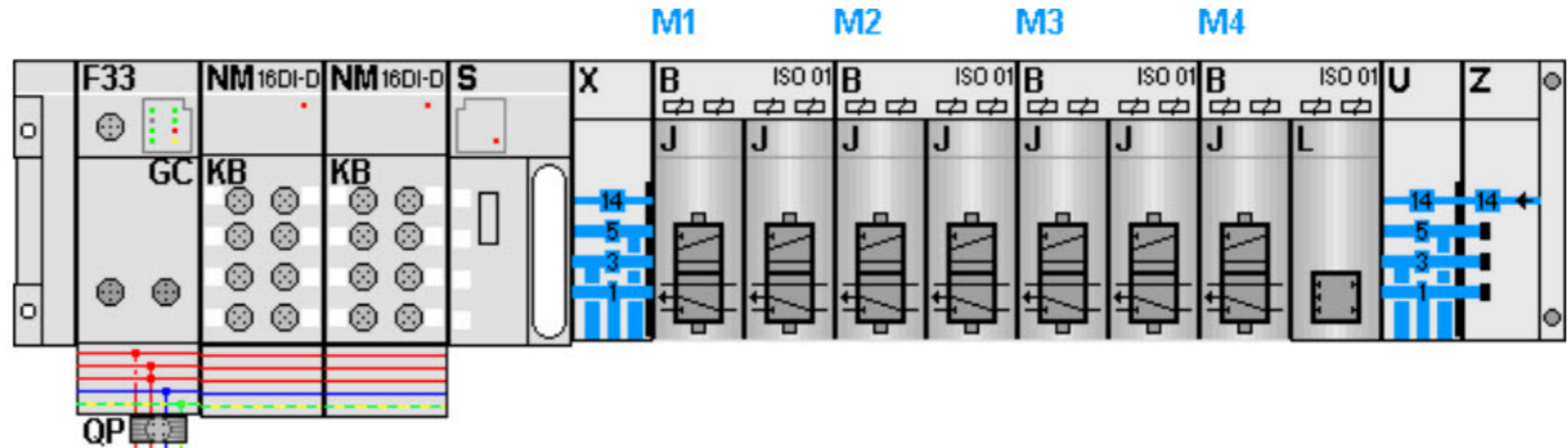


KF5.0



=V1UQ52KF4/11

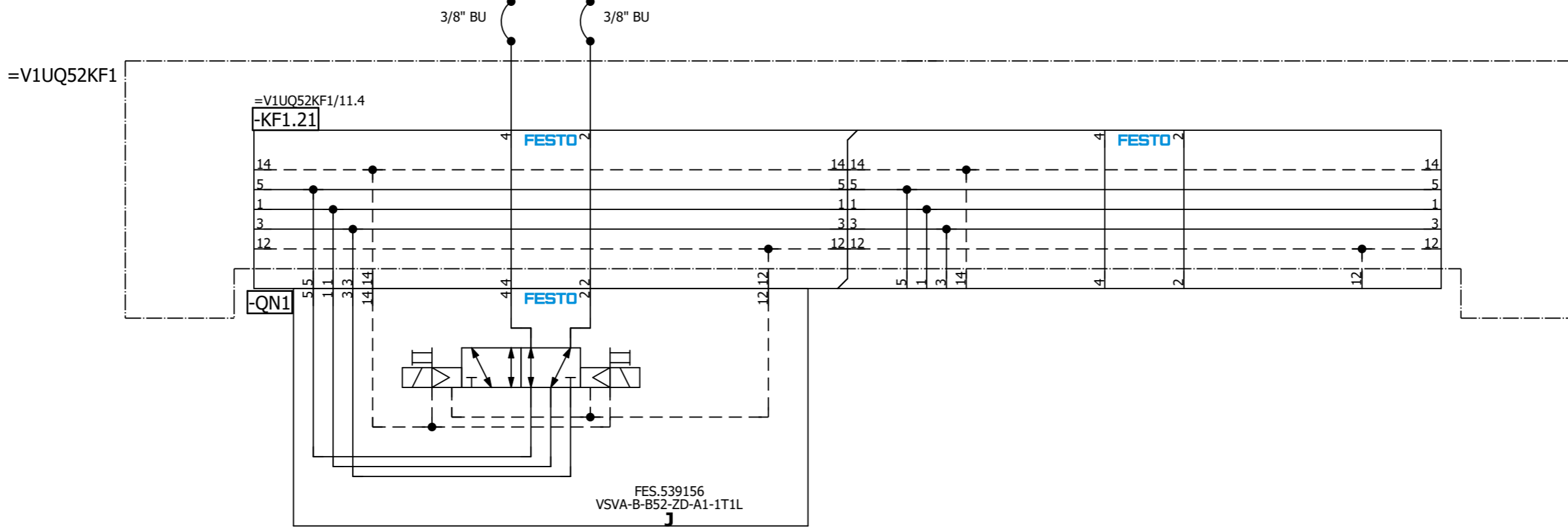
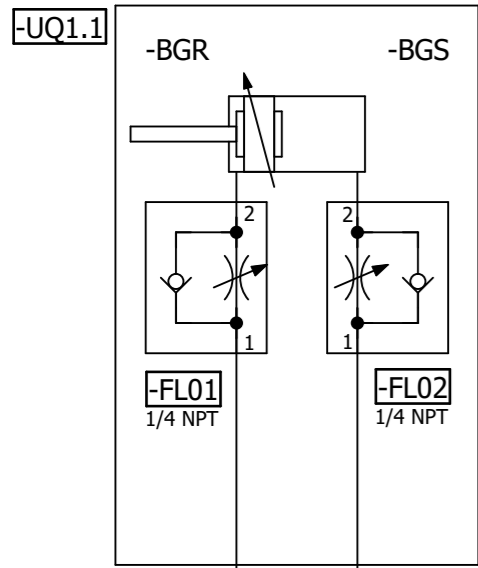
Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name: =2V10&MFS-PNEU	= V1UQ52KF5 + V1UQ52	Document type: MFS	Project nr: 22-16150	Page 5
				1/10/2023	MKLEPADLO	Volvo Trucks North America								420
						P6700 Bodyside RH - Robot Cell 2V10								



5

=V1UQ52UQ1/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1UQ52KF5
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
Appr.			Replacement of		Scale 1:1	Document type:		MFS	Project nr:
Original			Replaced by			MFS		22-16150	
Modification	Date	Name	Original						420



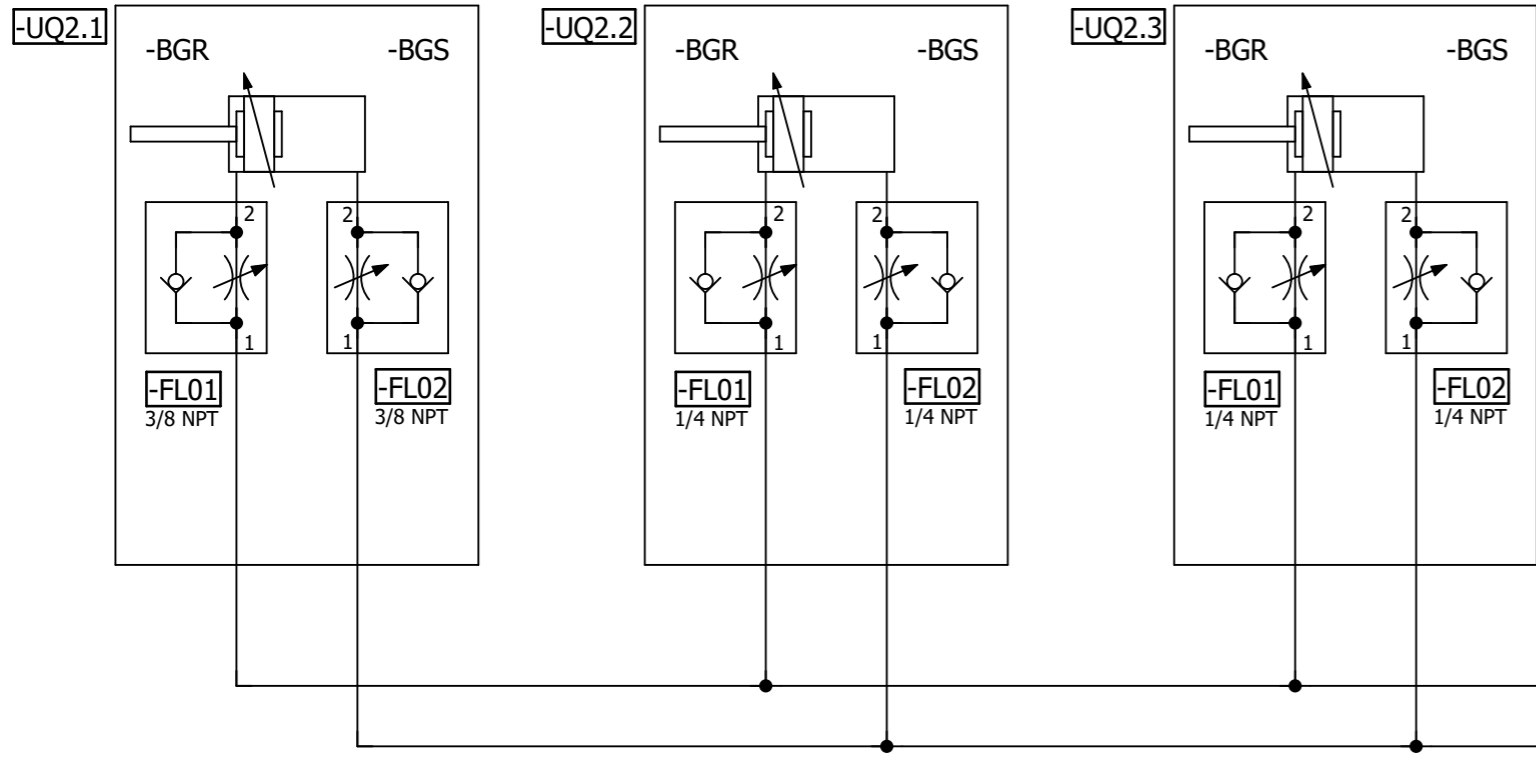
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-UQ1-QN1.1
Shot Pin 1
(RST)

=V1UQ52
-UQ1-QN1.2
Shot Pin 1
(SET)

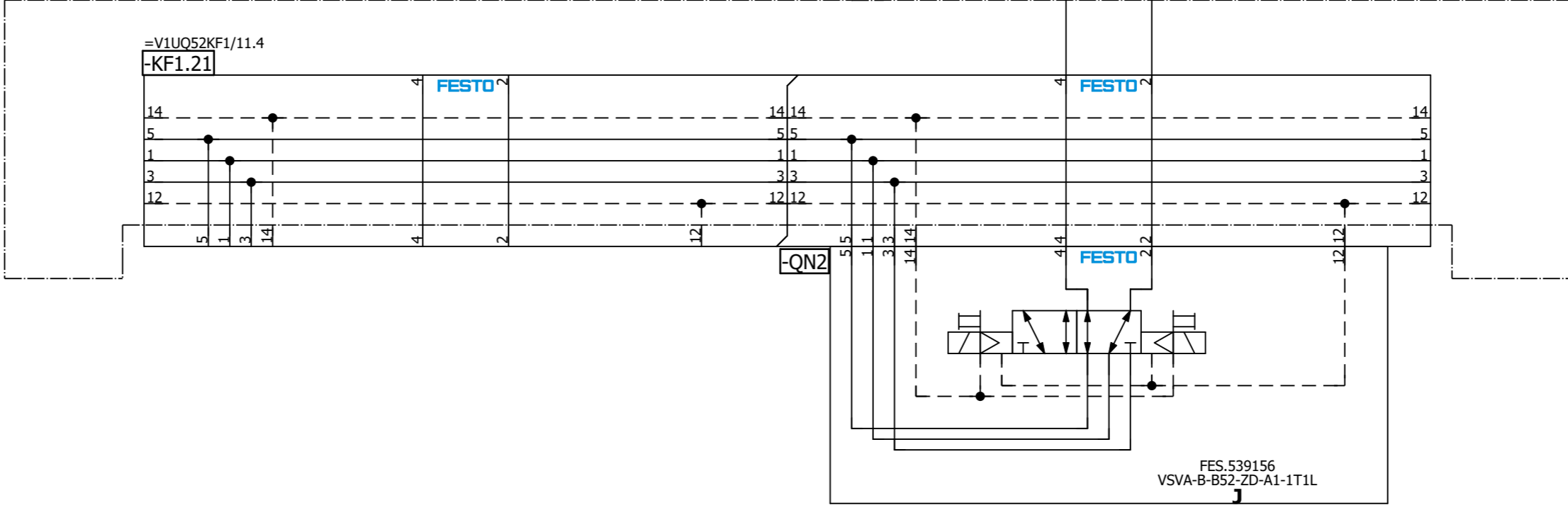
=V1UQ52KF5/11

=V1UQ52UQ2/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 1	Drawing name:		= V1UQ52UQ1
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1



=V1UQ52KF1



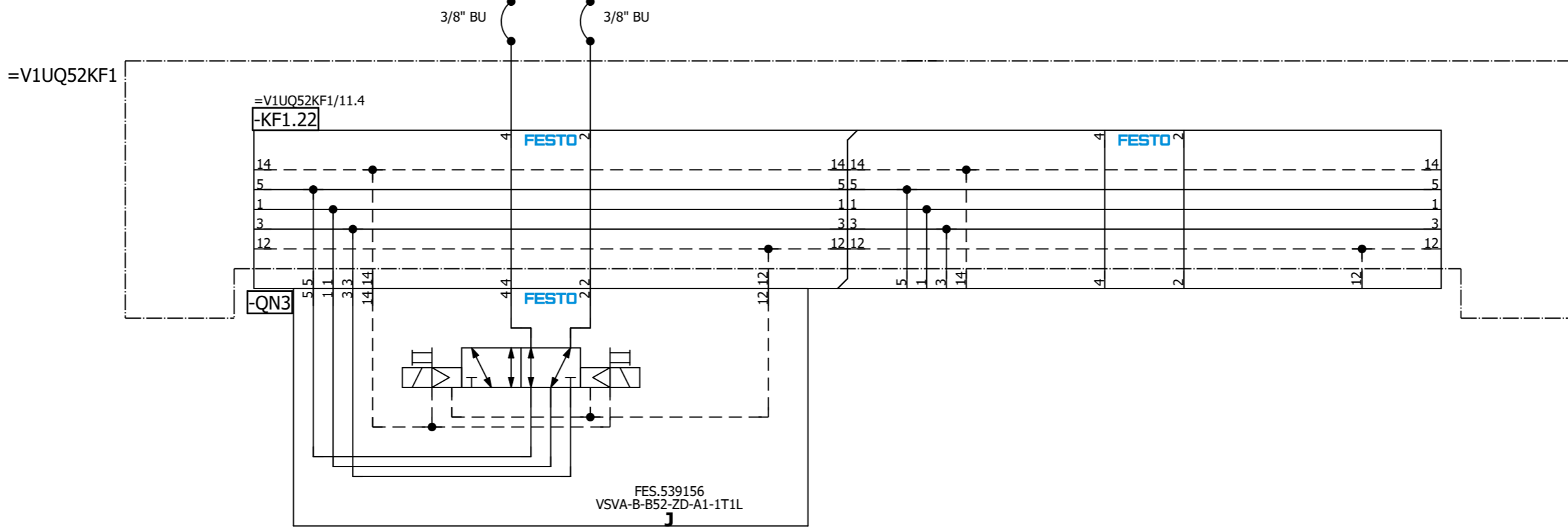
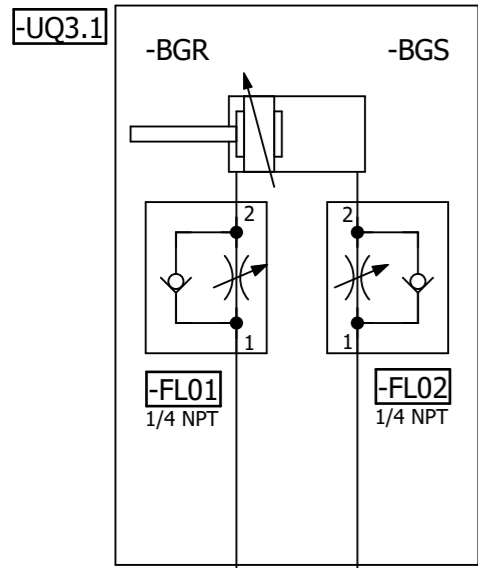
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-UQ2-QN2.1
Shot Pins 2
(RST)

=V1UQ52
-UQ2-QN2.2
Shot Pins 2
(SET)

=V1UQ52UQ3/1

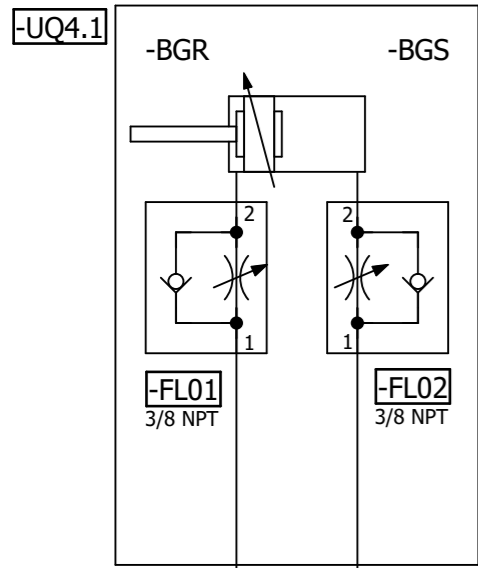
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Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		+ V1UQ52	
Appr.				Replacement of		Replaced by				Project nr:		Page 1	
Original										22-16150		420	

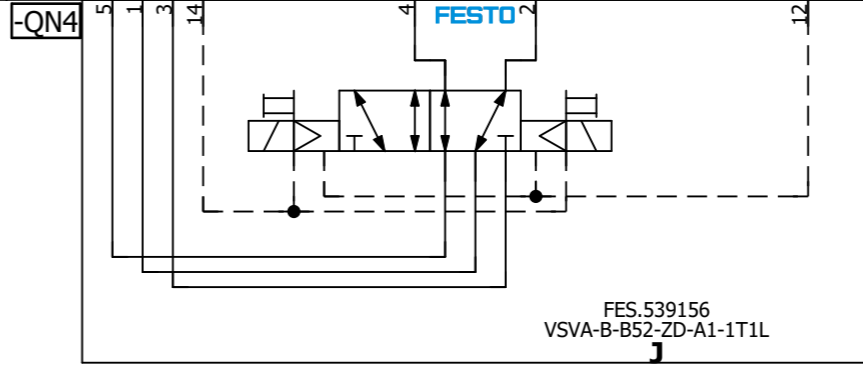
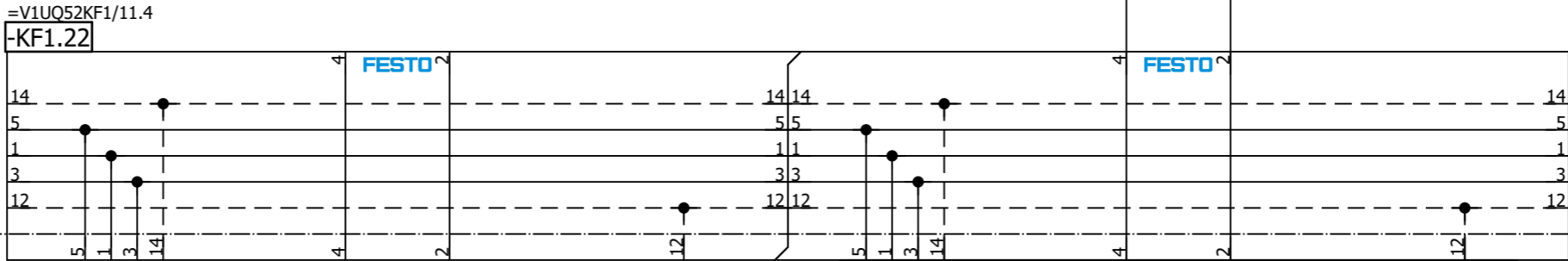


=V1UQ52
-UQ3-QN3.1
Shot Pin 3
(RST)

=V1UQ52
-UQ3-QN3.2
Shot Pin 3
(SET)



=V1UQ52KF1

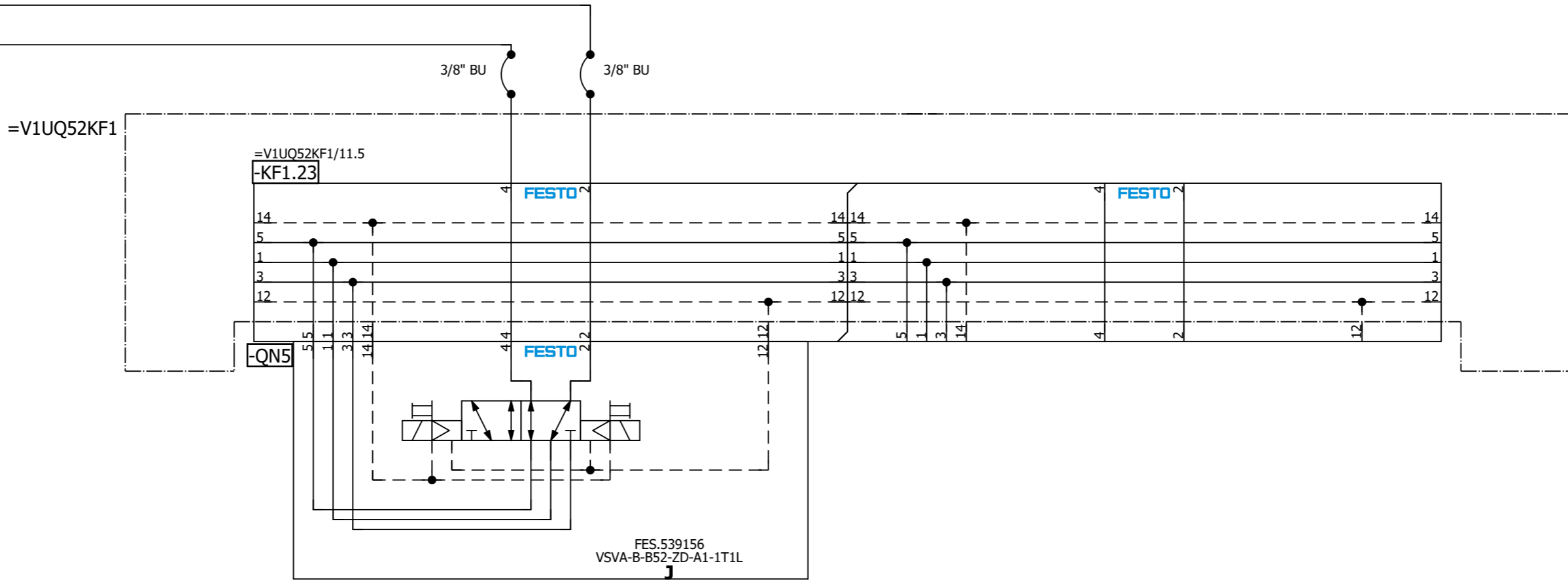
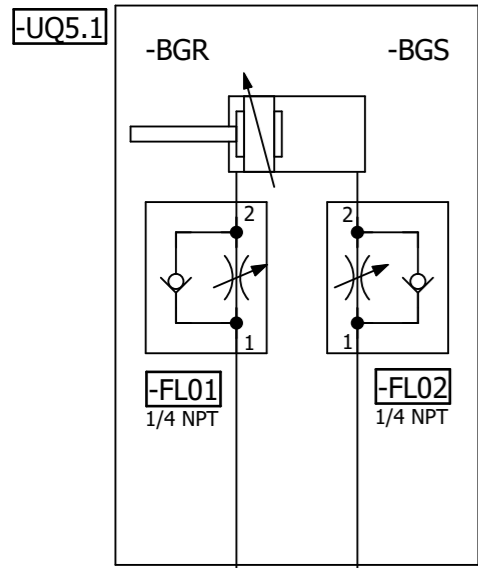


=V1UQ52
-UQ4-QN4.1
Shot Pin 4
(RST)

=V1UQ52
-UQ4-QN4.2
Shot Pin 4
(SET)

=V1UQ52UQ3/1

=V1UQ52UQ5/1



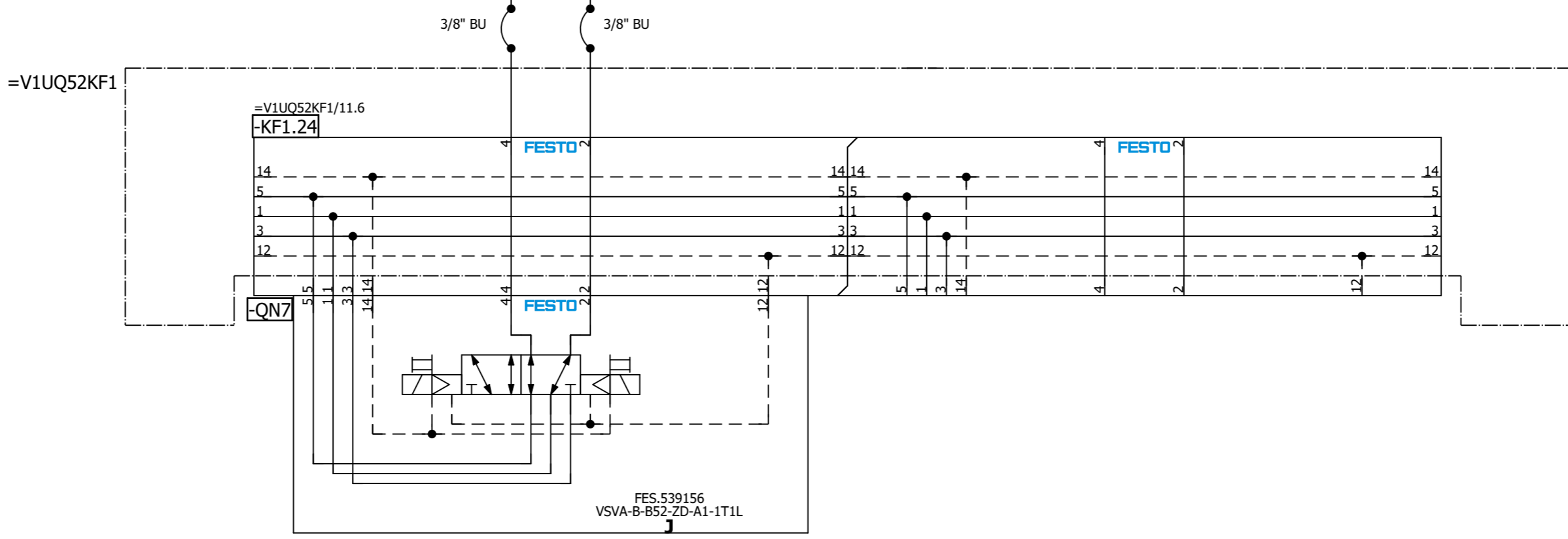
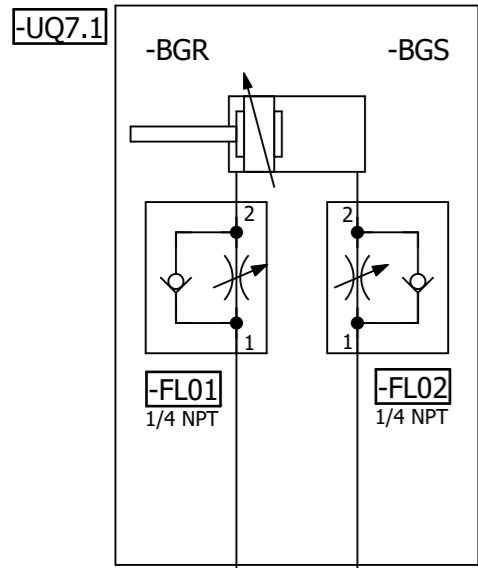
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-UQ5-QN5.1
Shot Pin 5
(RST)

=V1UQ52
-UQ5-QN5.2
Shot Pin 5
(SET)

=V1UQ52UQ4/1

=V1UQ52UQ6/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 5	Drawing name:		= V1UQ52UQ5
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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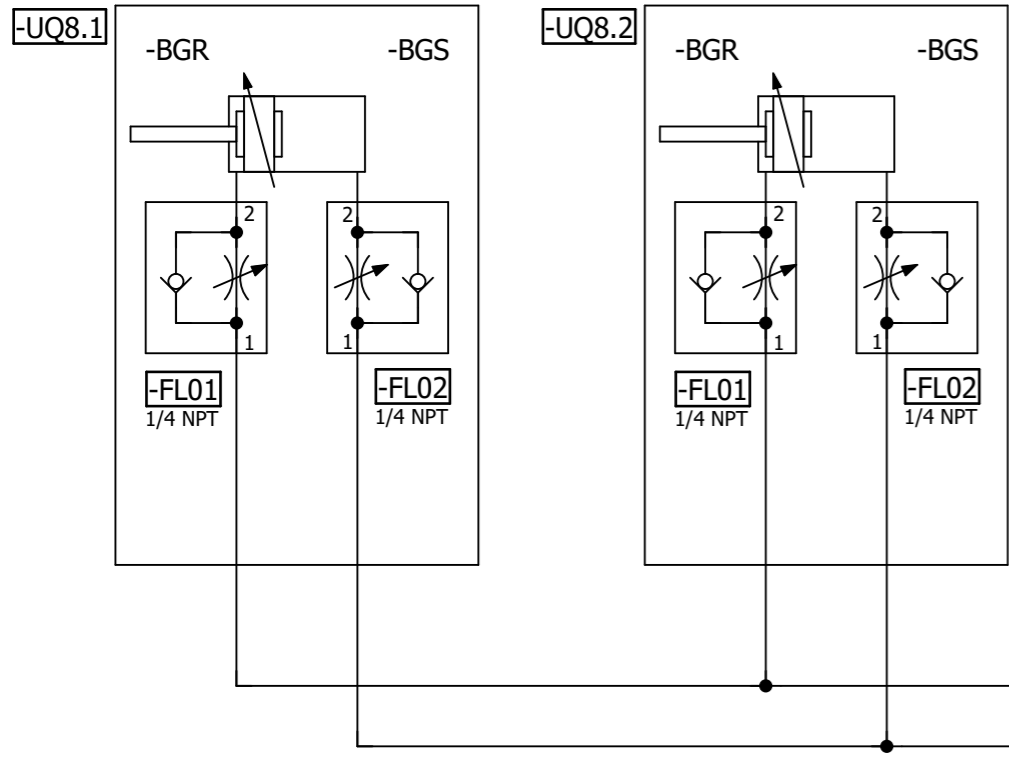
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-UQ7-QN7.1
Shot Pin 7
(RST)

=V1UQ52
-UQ7-QN7.2
Shot Pin 7
(SET)

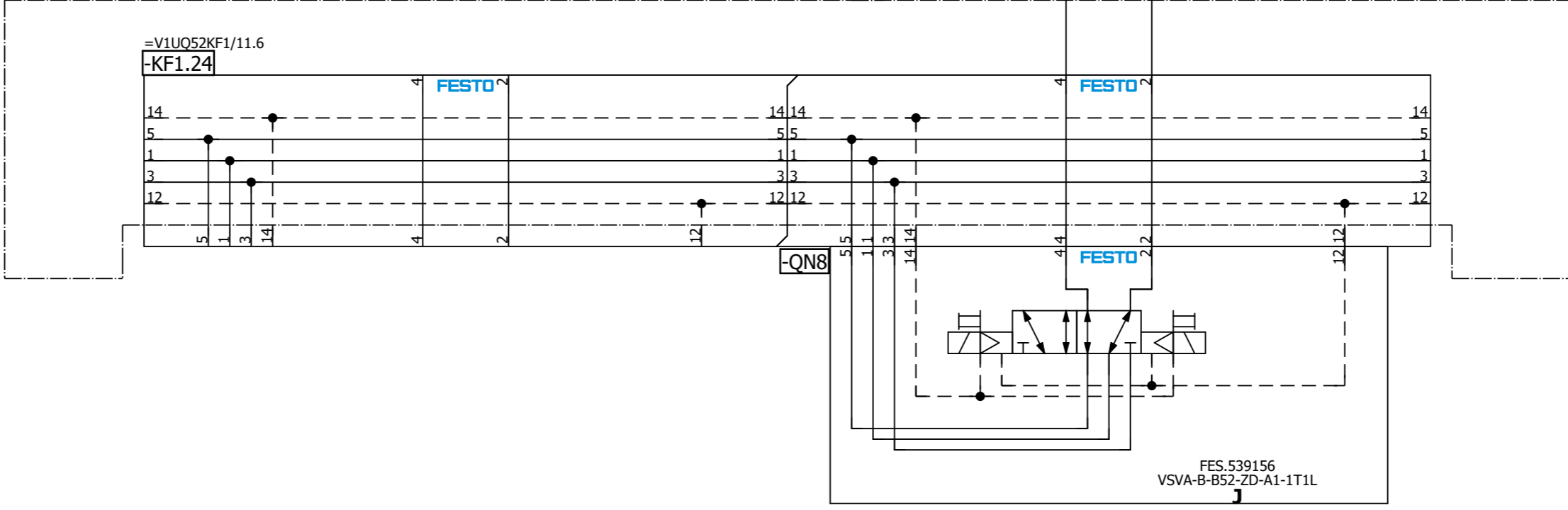
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=V1UQ52UQ8/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 7	Drawing name:		= V1UQ52UQ7
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type:		MFS
Appr.			Replacement of		Scale 1:1		Project nr:		22-16150
Original			Replaced by				Page		1
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=V1UQ52KF1



=V1UQ52
-UQ8-QN8.1
Shot Pins 8
(RST)

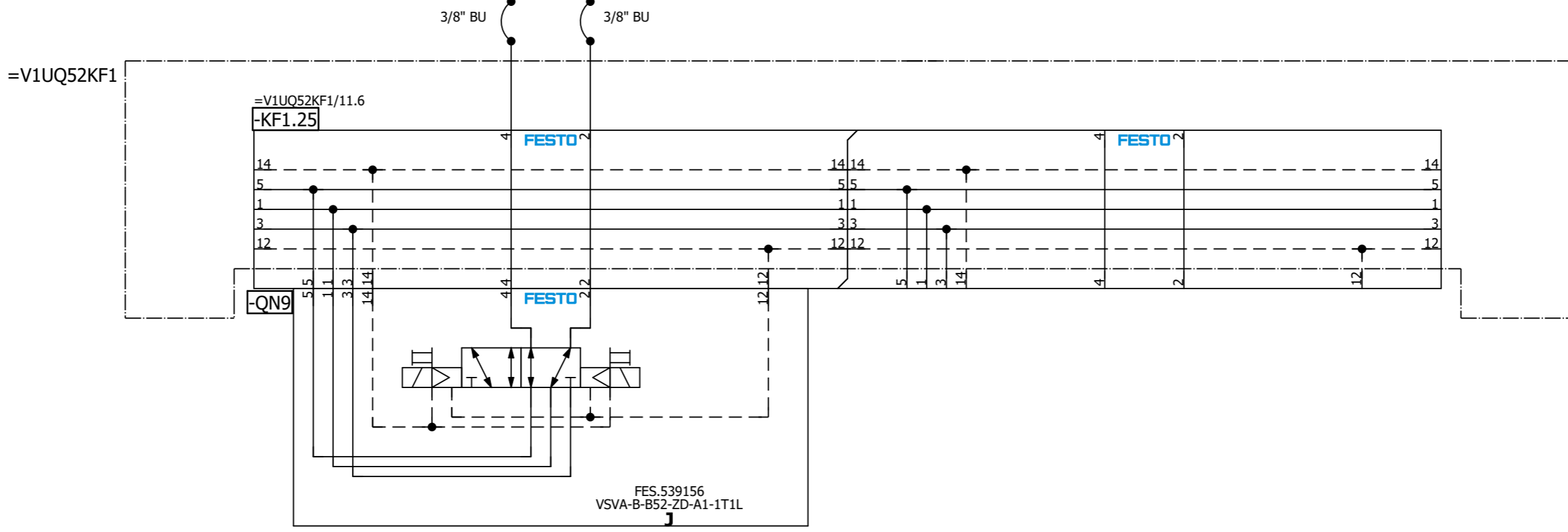
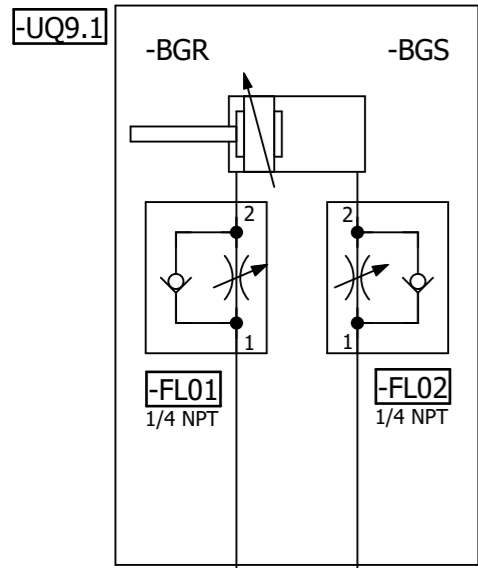
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-UQ8-QN8.2
Shot Pins 8
(SET)

=V1UQ52UQ9/1

=V1UQ52UQ7/1

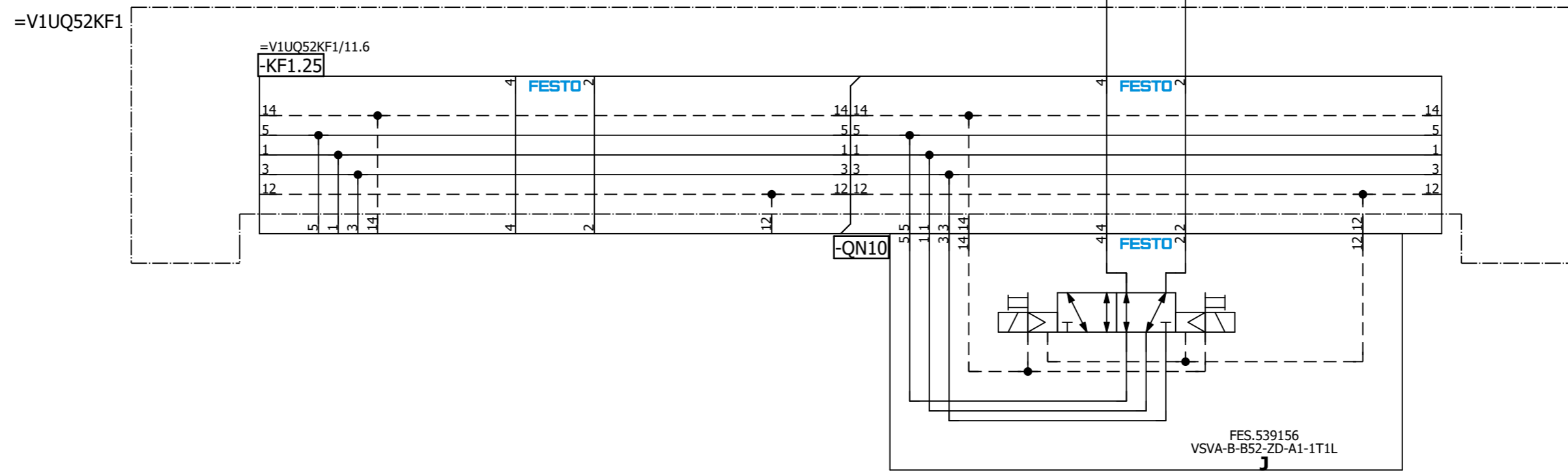
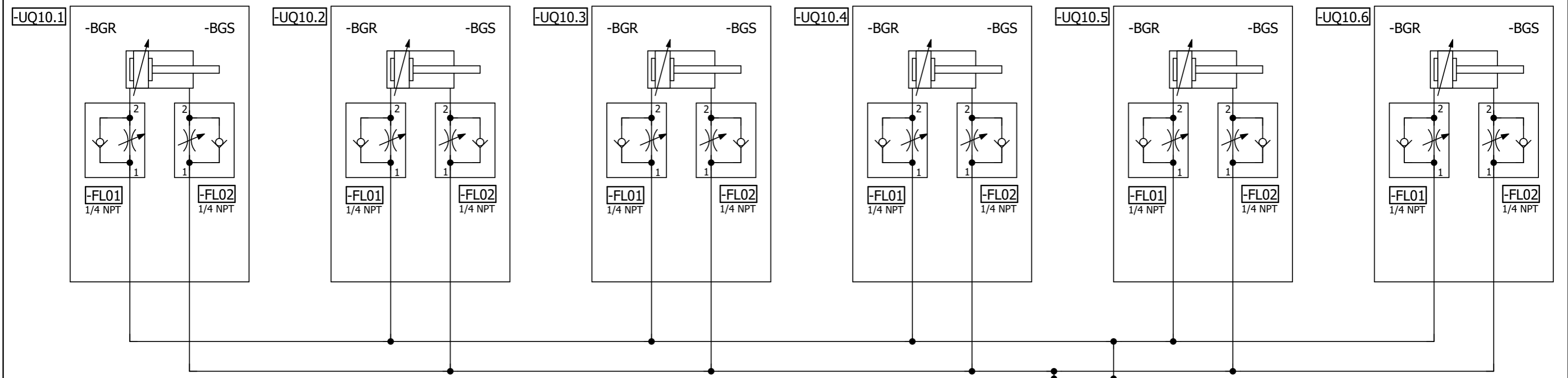
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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
			Appr.		Replacement of		Scale 1:1	Document type:		Project nr:	Page
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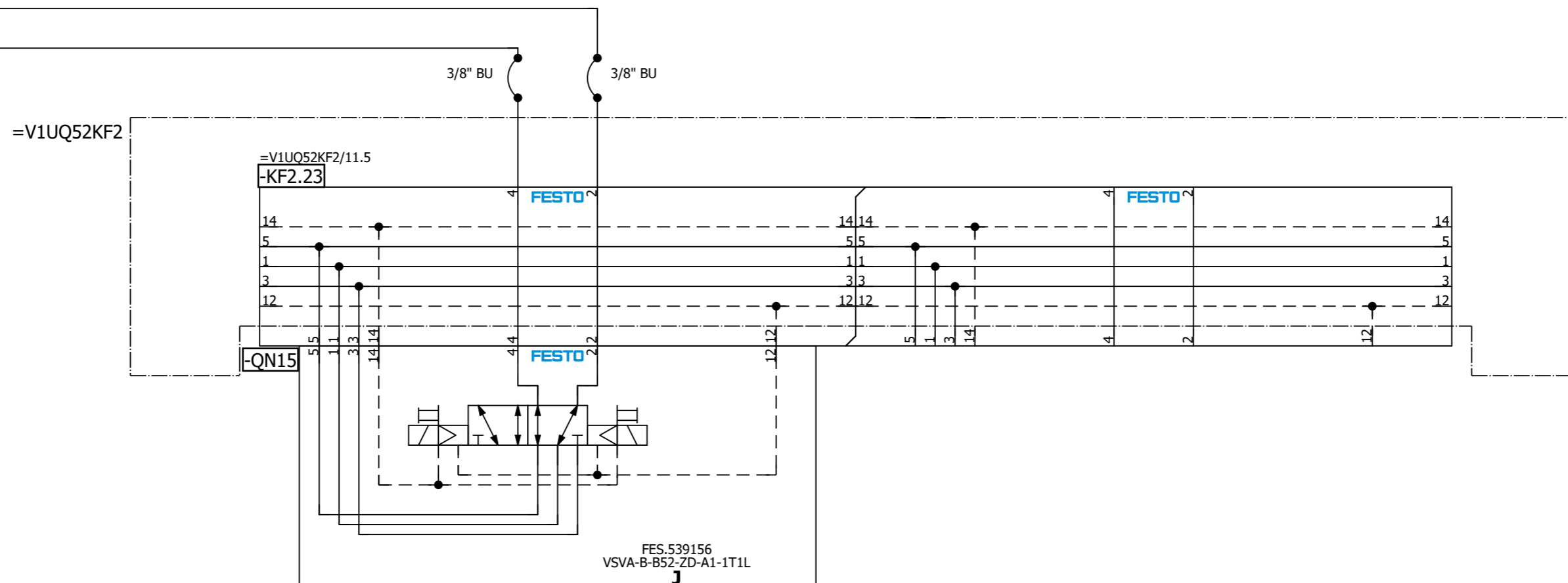
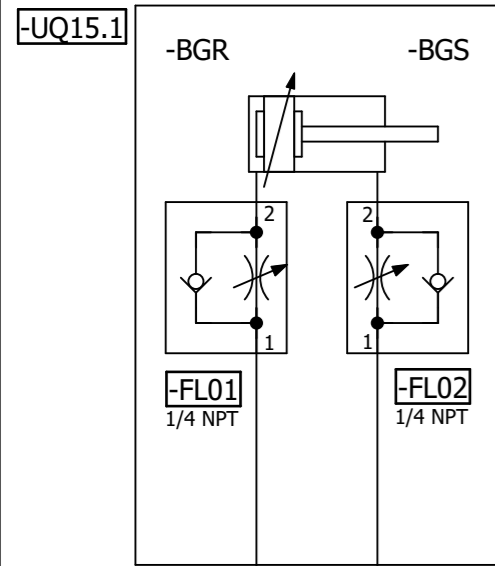
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-UQ9-QN9.1
Shot Pin 9
(RST)

=V1UQ52
-UQ9-QN9.2
Shot Pin 9
(SET)



=V1UQ52
-UQ10-QN10.1
Clamps 10
(RST)

=V1UQ52
-UQ10-QN10.2
Clamps 10
(SET)



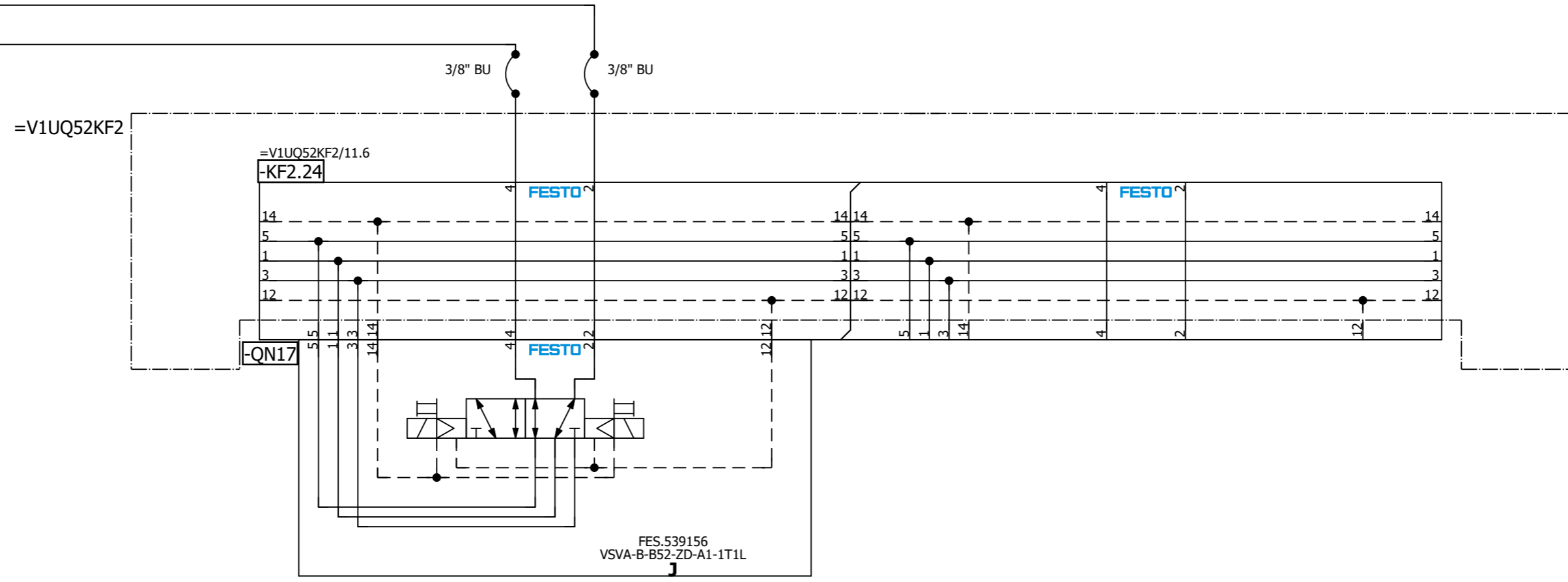
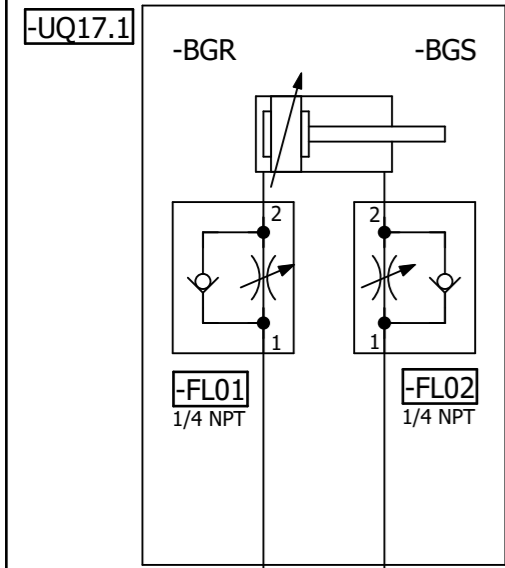
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-UQ15-QN15.1
Clamp 15
(RST)

=V1UQ52
-UQ15-QN15.2
Clamp 15
(SET)

=V1UQ52UQ14/1

=V1UQ52UQ16/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 15	Drawing name:		= V1UQ52UQ15
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1



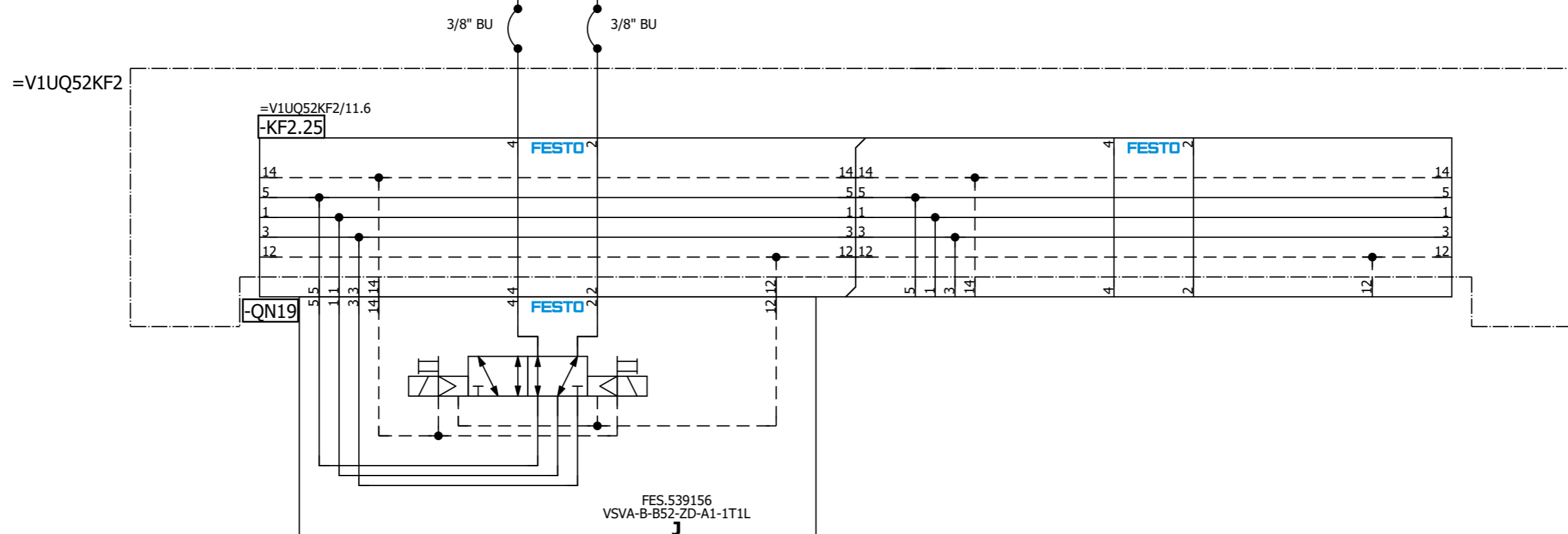
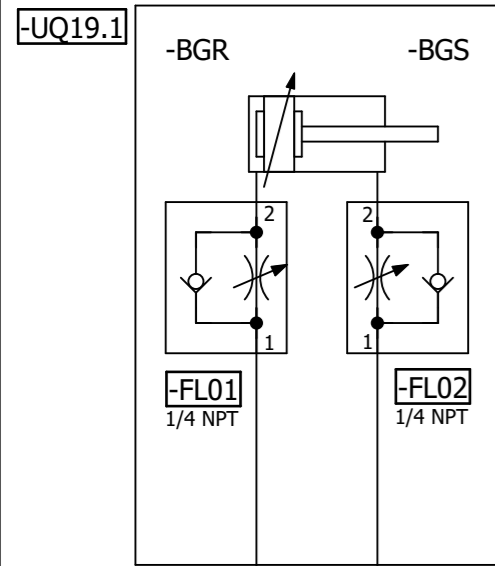
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-UQ17-QN17.1
Clamp 17
(RST)

=V1UQ52
-UQ17-QN17.2
Clamp 17
(SET)

=V1UQ52UQ16/1

=V1UQ52UQ18/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 17	Drawing name:	= V1UQ52UQ17	
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU	+ V1UQ52	
			Appr		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original						MFS	22-16150	1
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=V1UQ52
-UQ19-QN19.1
Clamp 19
(RST)

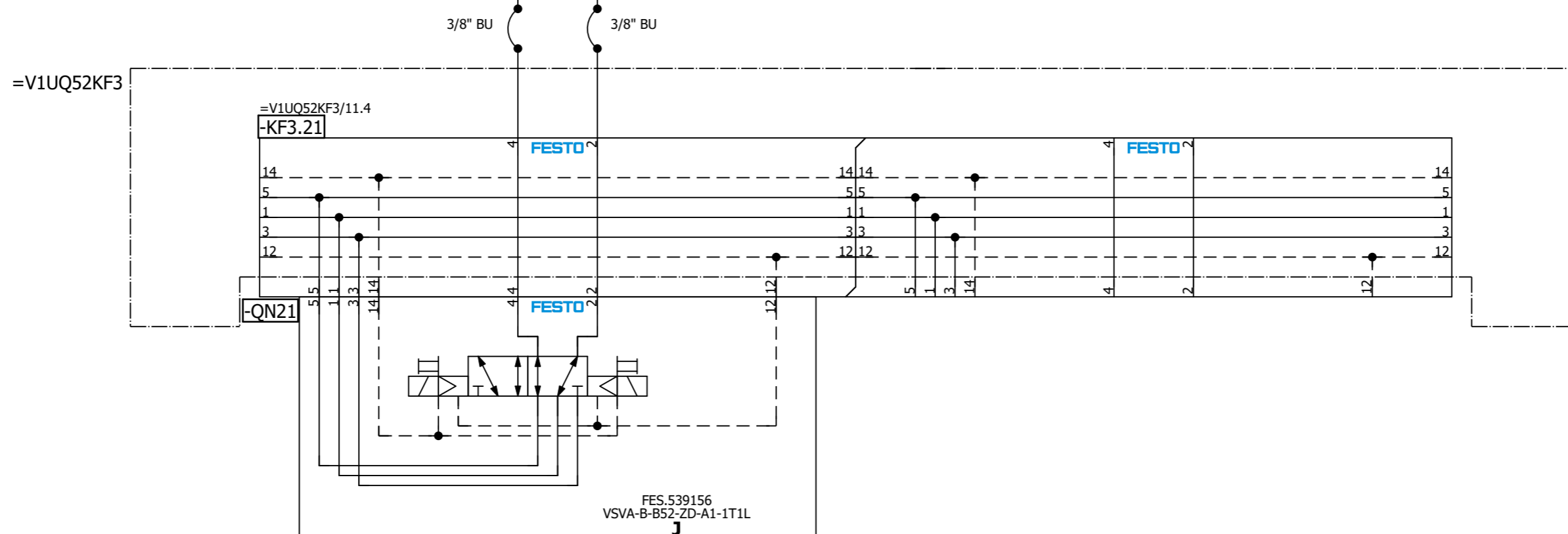
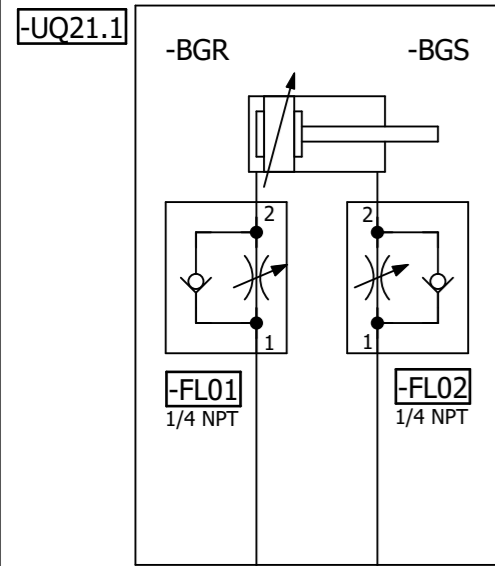
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-UQ19-QN19.2
Clamp 19
(SET)

=V1UQ52UQ18/1

=V1UQ52UQ20/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 19	Drawing name:		= V1UQ52UQ19
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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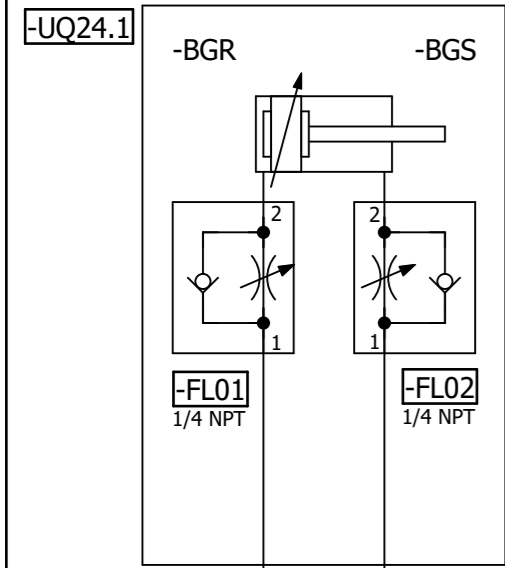
=V1UQ52
-UQ21-QN21.1
Clamp 21
(RST)

=V1UQ52
-UQ21-QN21.2
Clamp 21
(SET)

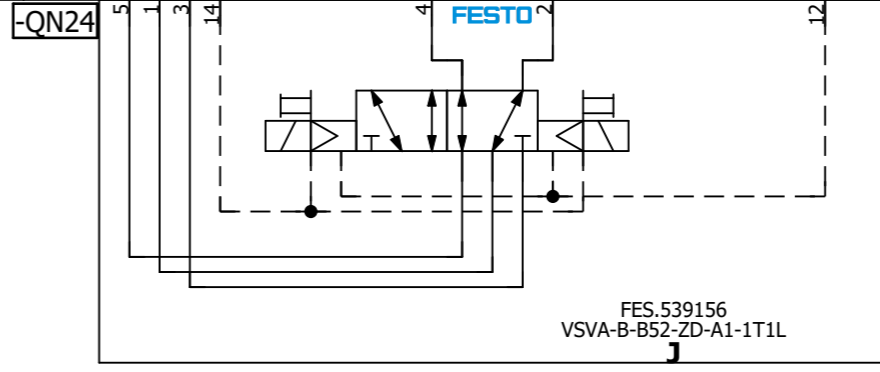
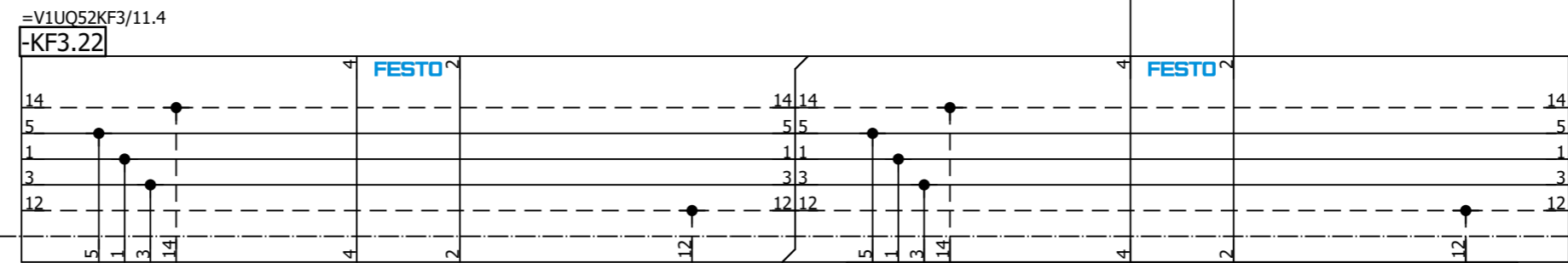
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=V1UQ52UQ22/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 21	Drawing name:		= V1UQ52UQ21
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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=V1UQ52KF3



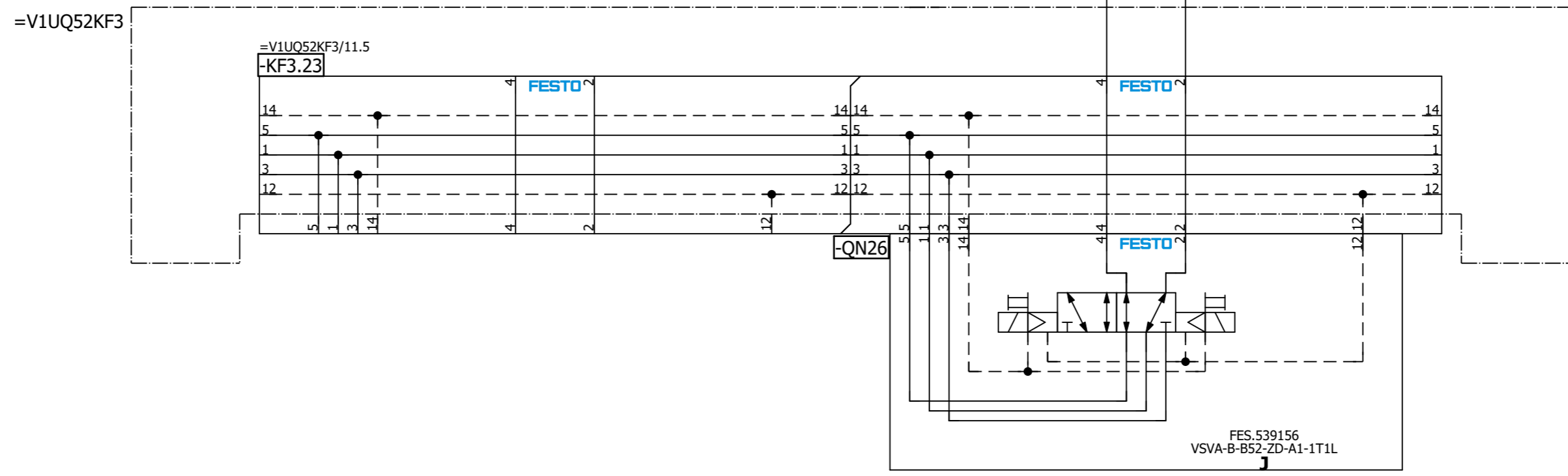
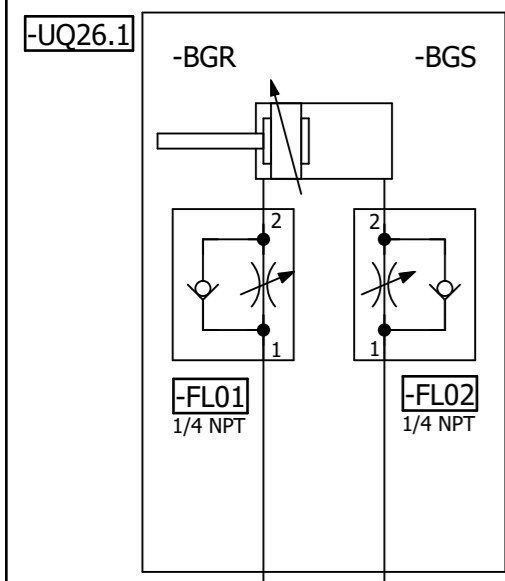
=V1UQ52
-UQ24-QN24.1
Clamp 24
(RST)

=V1UQ52
-UQ24-QN24.2
Clamp 24
(SET)

=V1UQ52UQ23/1

=V1UQ52UQ25/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 24	Drawing name: =2V10&MFS-PNEU	= V1UQ52UQ24 + V1UQ52
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type: MFS	Project nr: 22-16150
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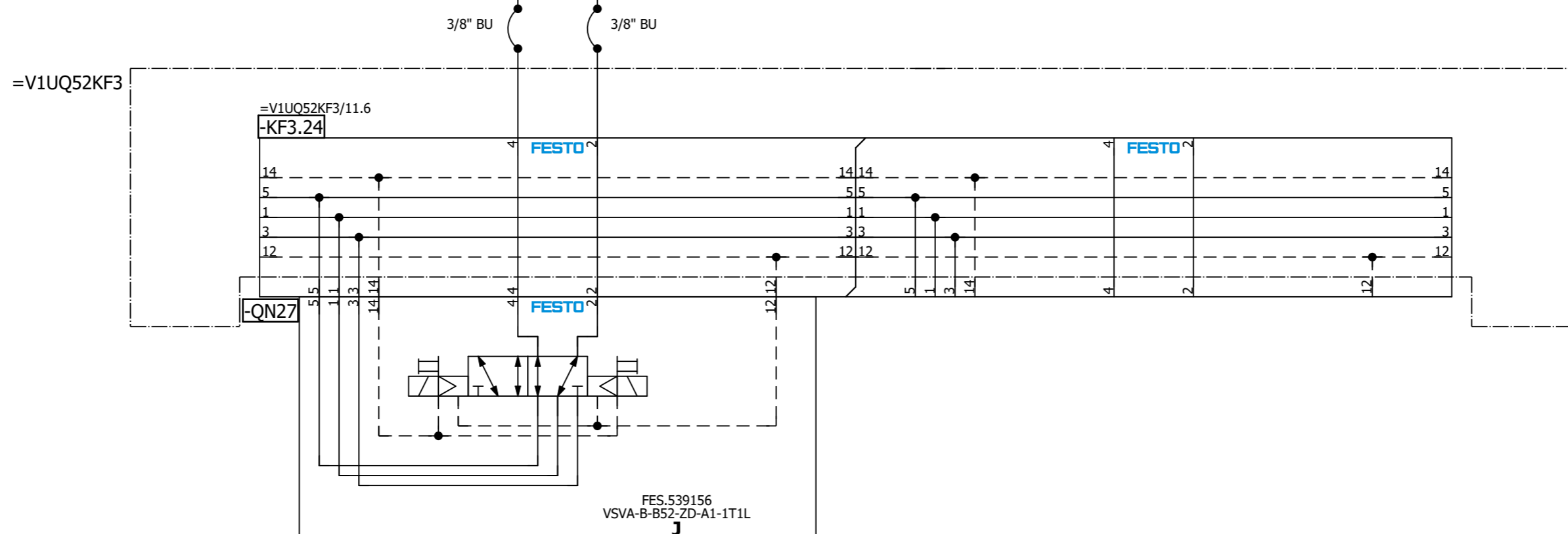
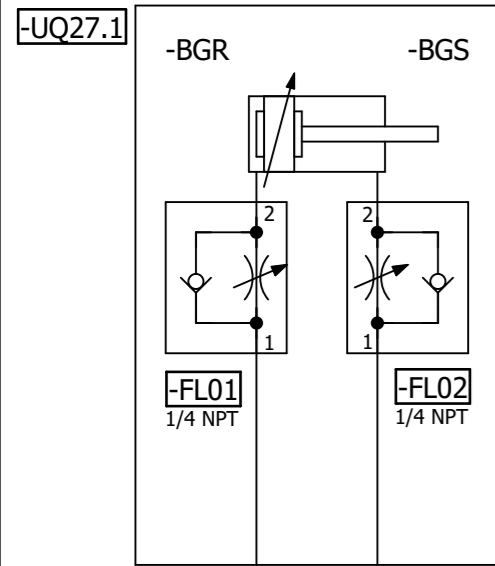
=V1UQ52
-UQ26-QN26.1
Shot Pin 26
(RST)

=V1UQ52
-UQ26-QN26.2
Shot Pin 26
(SET)

=V1UQ52UQ25/1

=V1UQ52UQ27/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 26	Drawing name: =2V10&MFS-PNEU	= V1UQ52UQ26 + V1UQ52
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1
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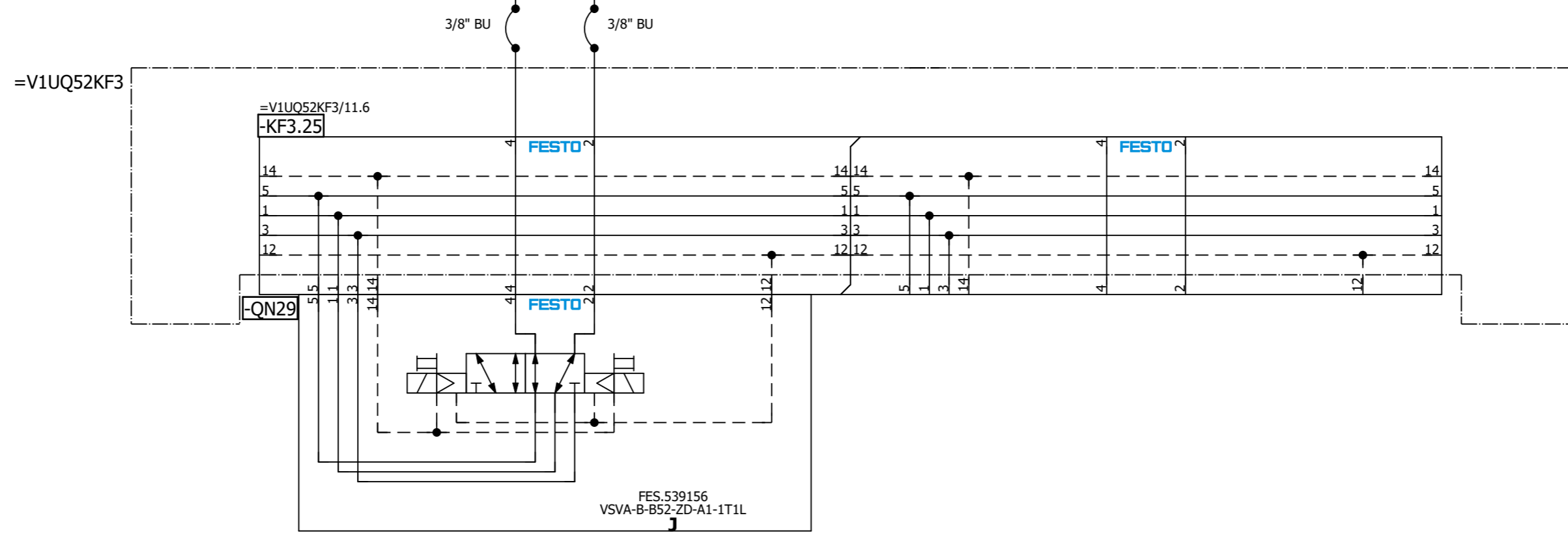
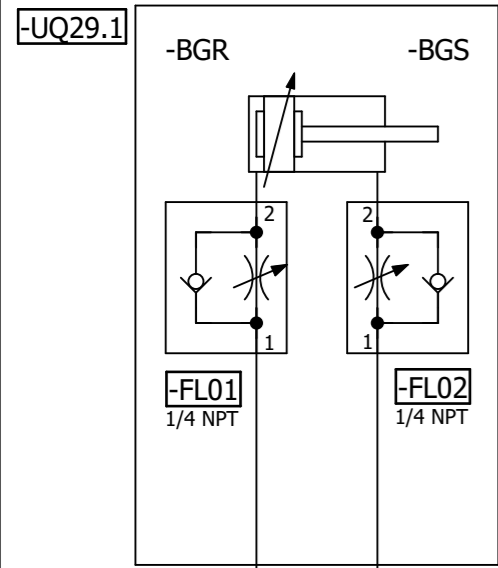
=V1UQ52
-UQ27-QN27.1
Clamp 27
(RST)

=V1UQ52
-UQ27-QN27.2
Clamp 27
(SET)

=V1UQ52UQ26/1

=V1UQ52UQ28/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 27	Drawing name:		= V1UQ52UQ27	
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52	
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	22-16150	
Original			Replaced by				MFS		420	



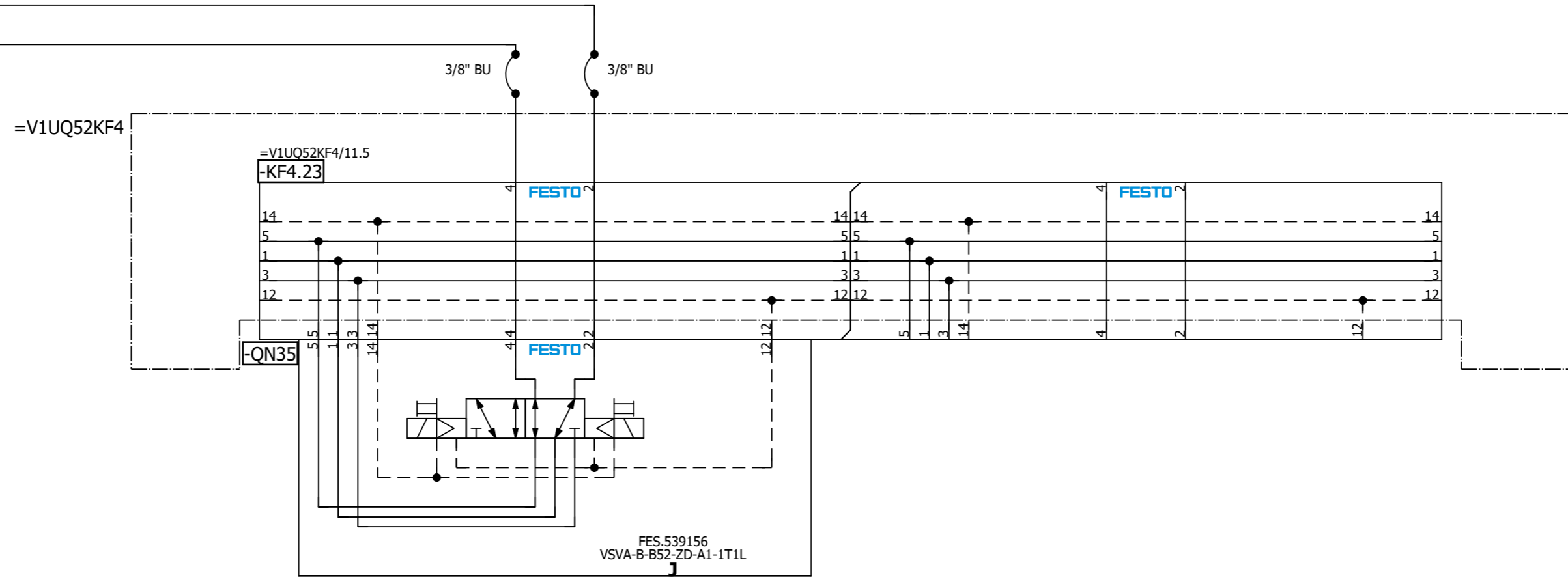
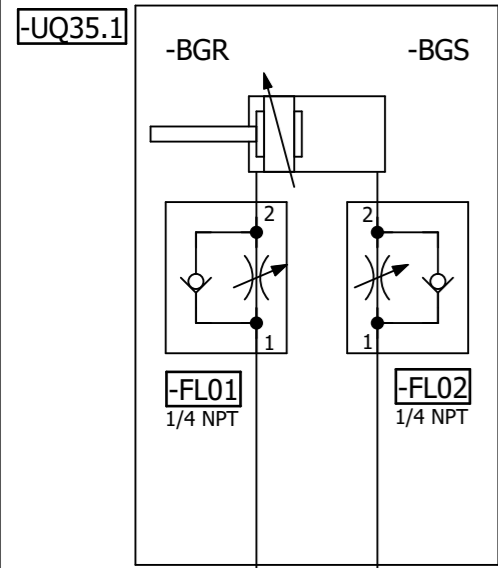
=V1UQ52
-UQ29-QN29.1
Clamp 29
(RST)

=V1UQ52
-UQ29-QN29.2
Clamp 29
(SET)

=V1UQ52UQ28/1

=V1UQ52UQ30/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 29	Drawing name:		= V1UQ52UQ29	
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type:		MFS	
Appr			Replacement of		Scale 1:1		Page		1	
Original			Replaced by				Page		420	



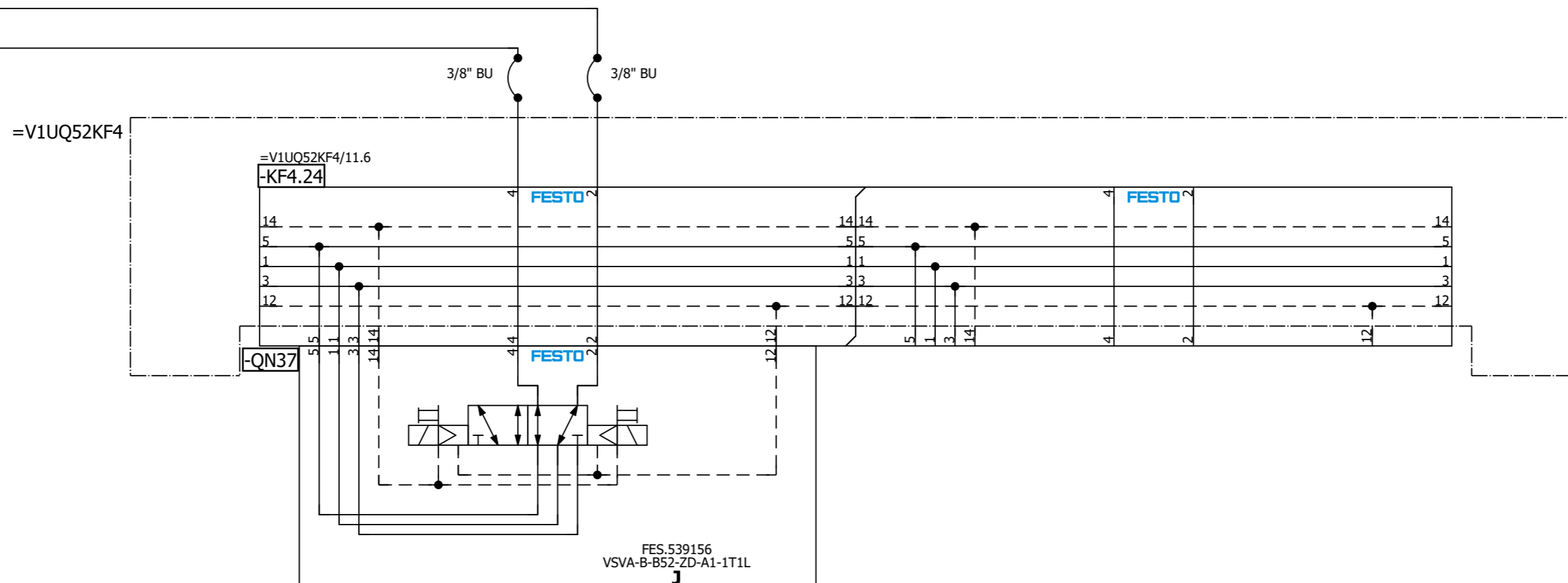
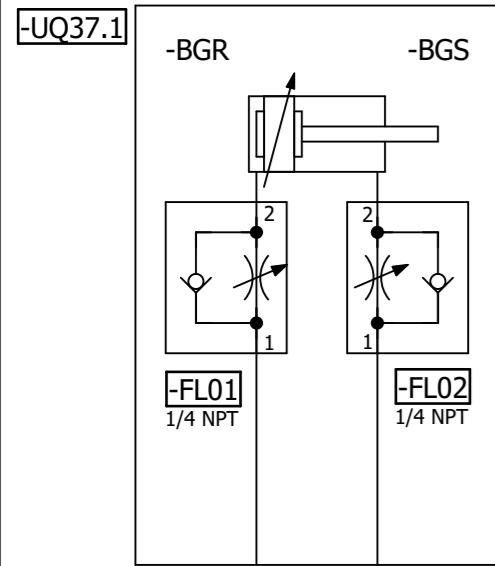
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-UQ35-QN35.1
Shot Pin 35
(RST)

=V1UQ52
-UQ35-QN35.2
Shot Pin 35
(SET)

=V1UQ52UQ34/1

=V1UQ52UQ36/1

Date		1/10/2023		Volvo Trucks North America		Valiant TMS		Shot Pin 35		Drawing name:		= V1UQ52UQ35	
Ed.		MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:		= 2V10&MFS-PNEU	
Appr				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
										Page		420	



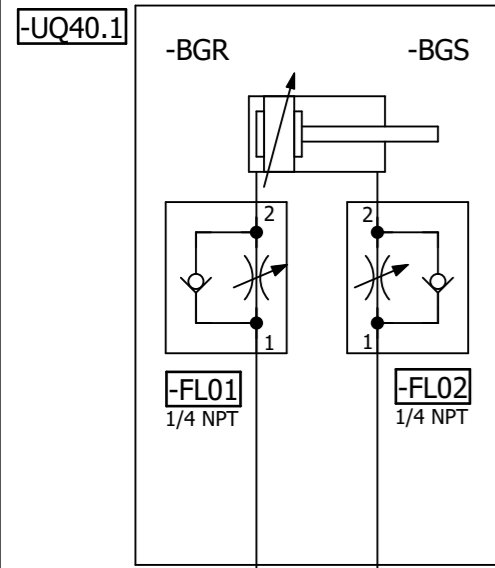
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-UQ37-QN37.1
Clamp 37
(RST)

=V1UQ52
-UQ37-QN37.2
Clamp 37
(SET)

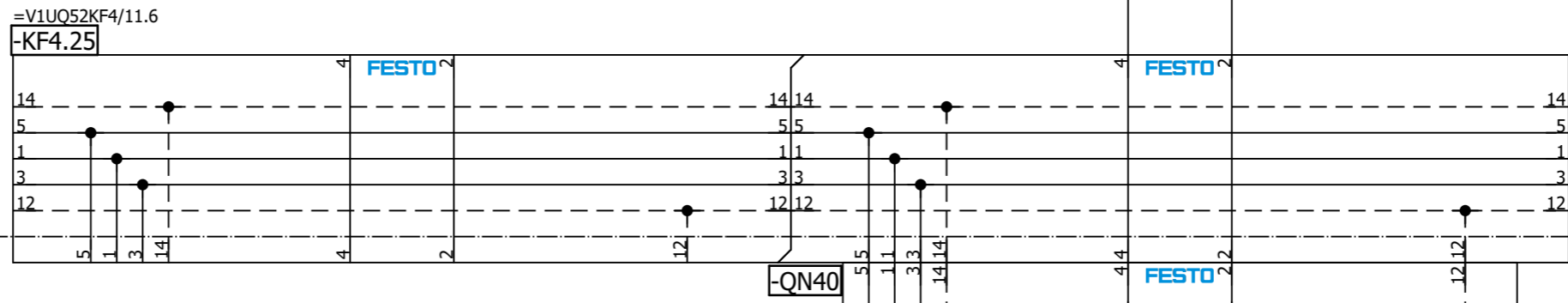
=V1UQ52UQ36/1

=V1UQ52UQ38/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 37	Drawing name:		= V1UQ52UQ37
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									420



=V1UQ52KF4



3/8" BU

3/8" BU

-QN40

FESTO

FES.539156
VSVA-B-B52-ZD-A1-1T1L

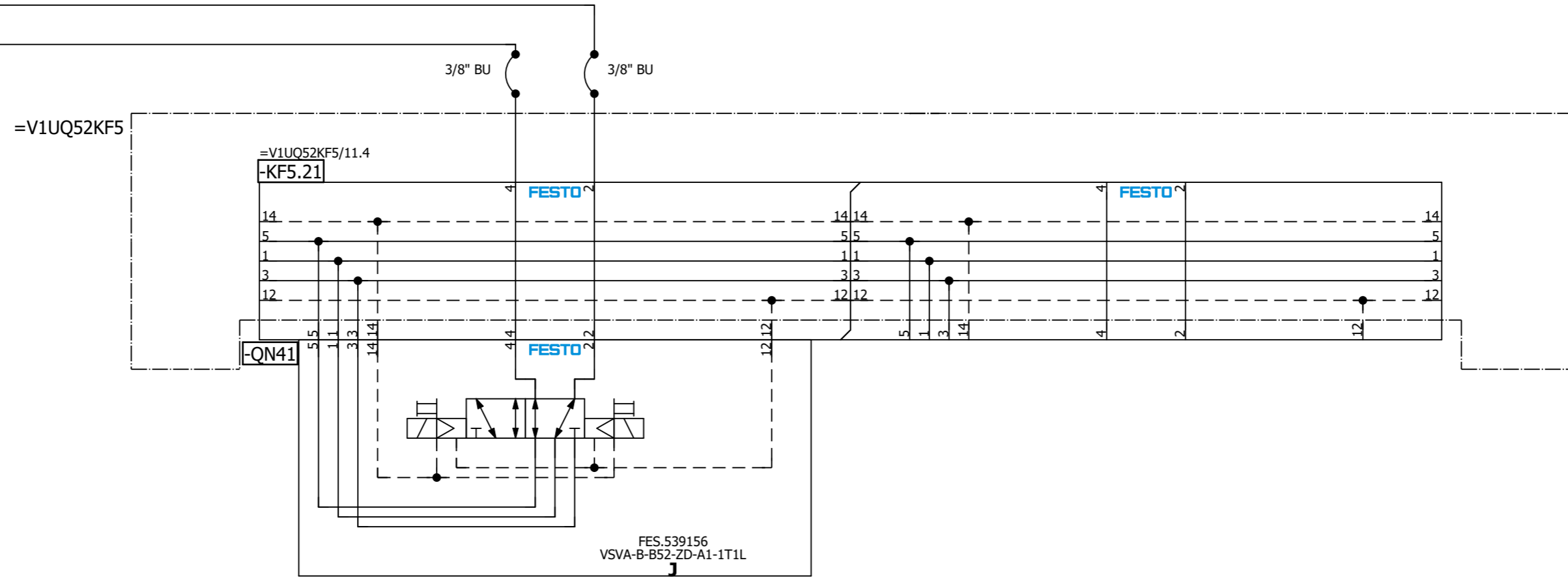
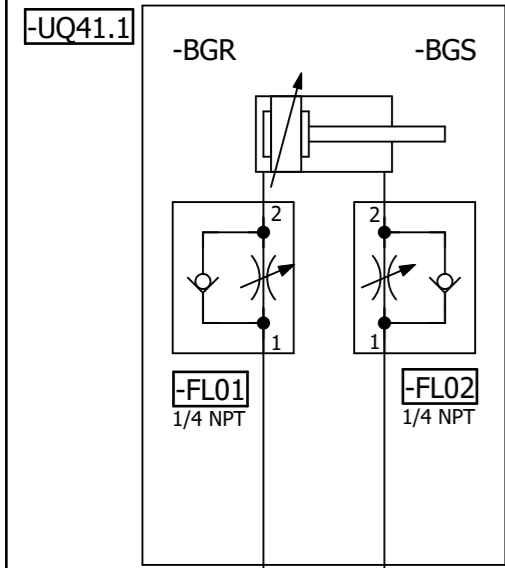
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Clamp 40
(RST)

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-UQ40-QN40.2
Clamp 40
(SET)

=V1UQ52UQ41/1

=V1UQ52UQ39/1

Modification	Date	Name	Original	Date	1/10/2023	Ed.	MKLEPADLO	Volvo Trucks North America P6700 Bodyside RH - Robot Cell 2V10		Valiant TMS	Clamp 40	Drawing name:	= V1UQ52UQ40	Page	1			
				Replacement of		Replaced by				Scale 1:1		Document type:	MFS	Project nr:	22-16150			420



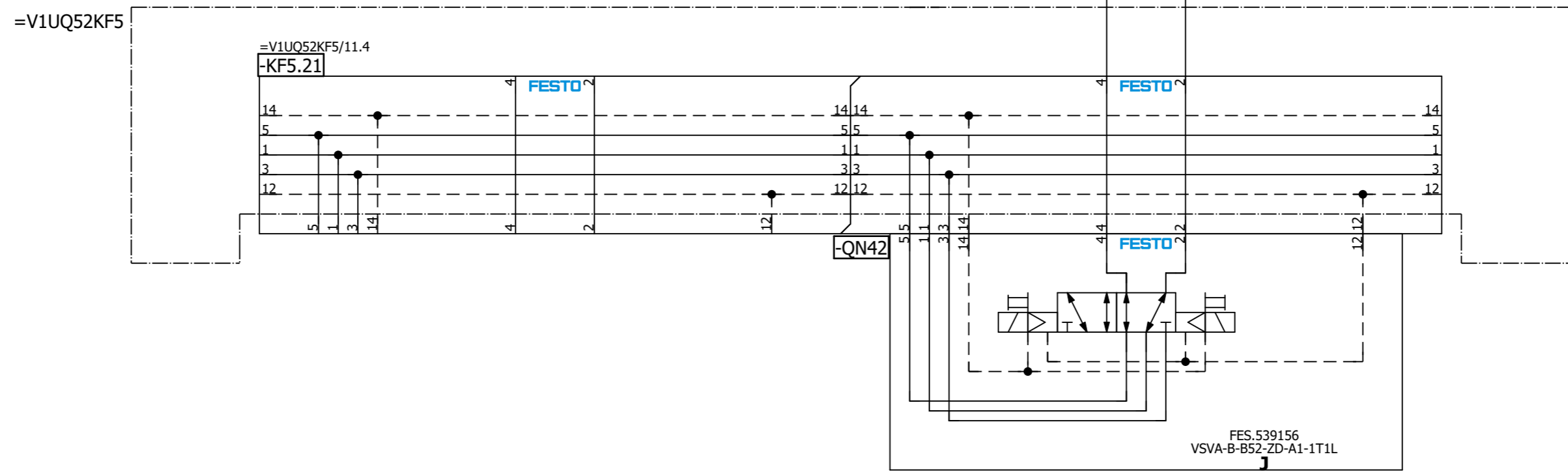
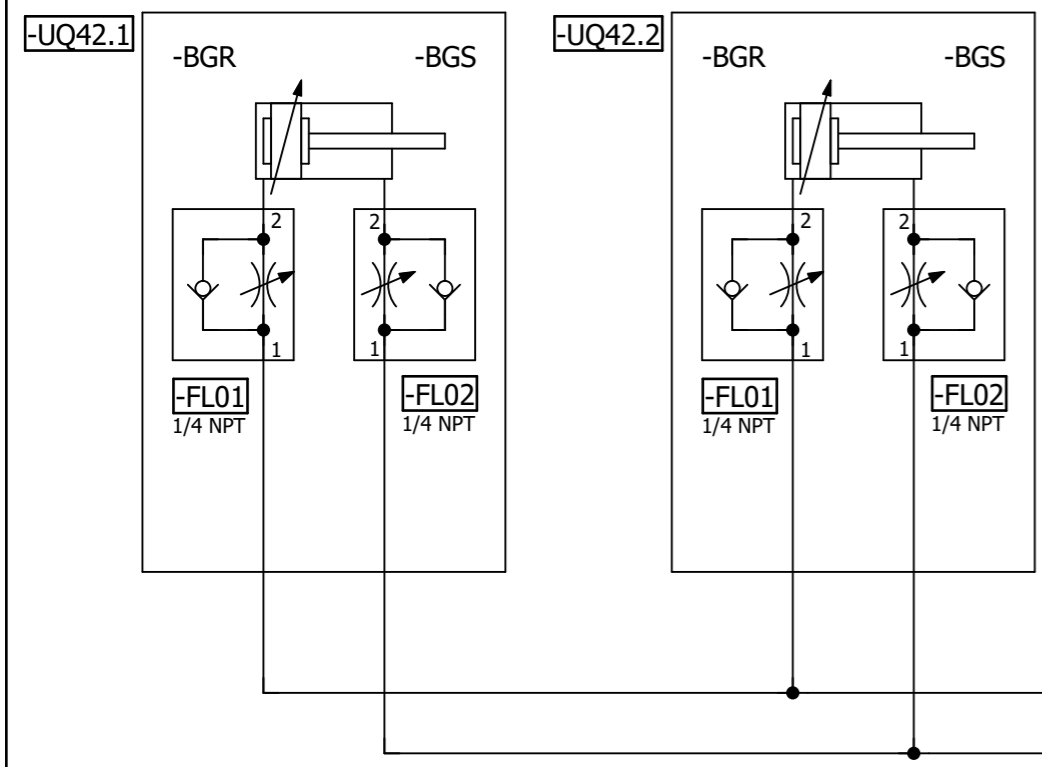
=V1UQ52
-UQ41-QN41.1
Clamp 41
(RST)

=V1UQ52
-UQ41-QN41.2
Clamp 41
(SET)

=V1UQ52UQ40/1

=V1UQ52UQ42/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 41	Drawing name:	= V1UQ52UQ41	
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					+ V1UQ52	
			Appr		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original						MFS	22-16150	1
											420

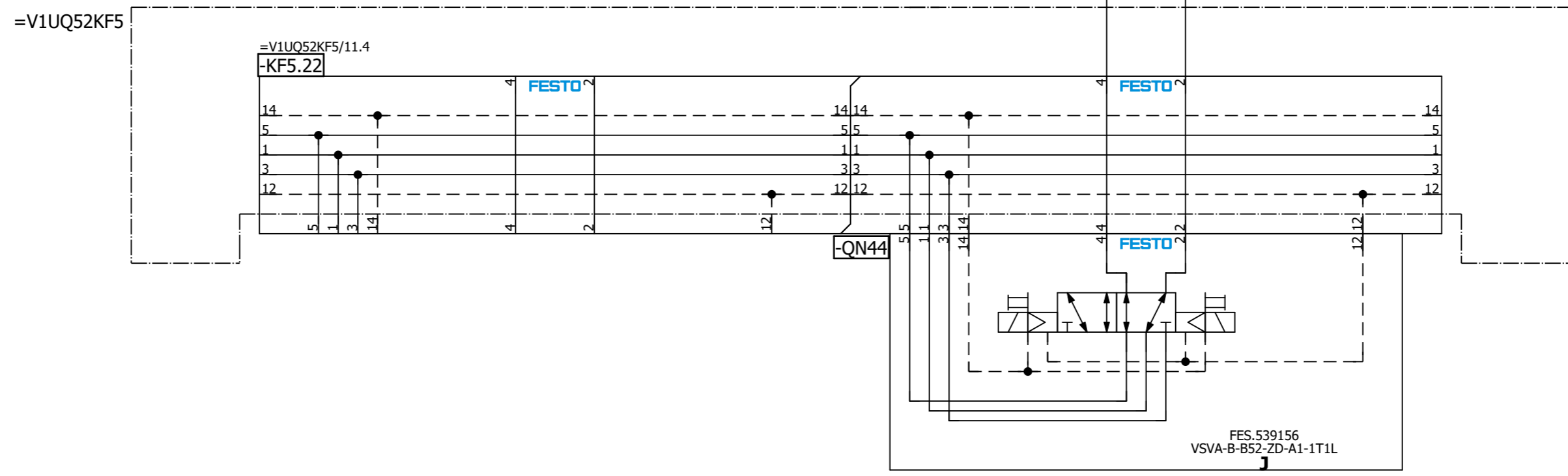
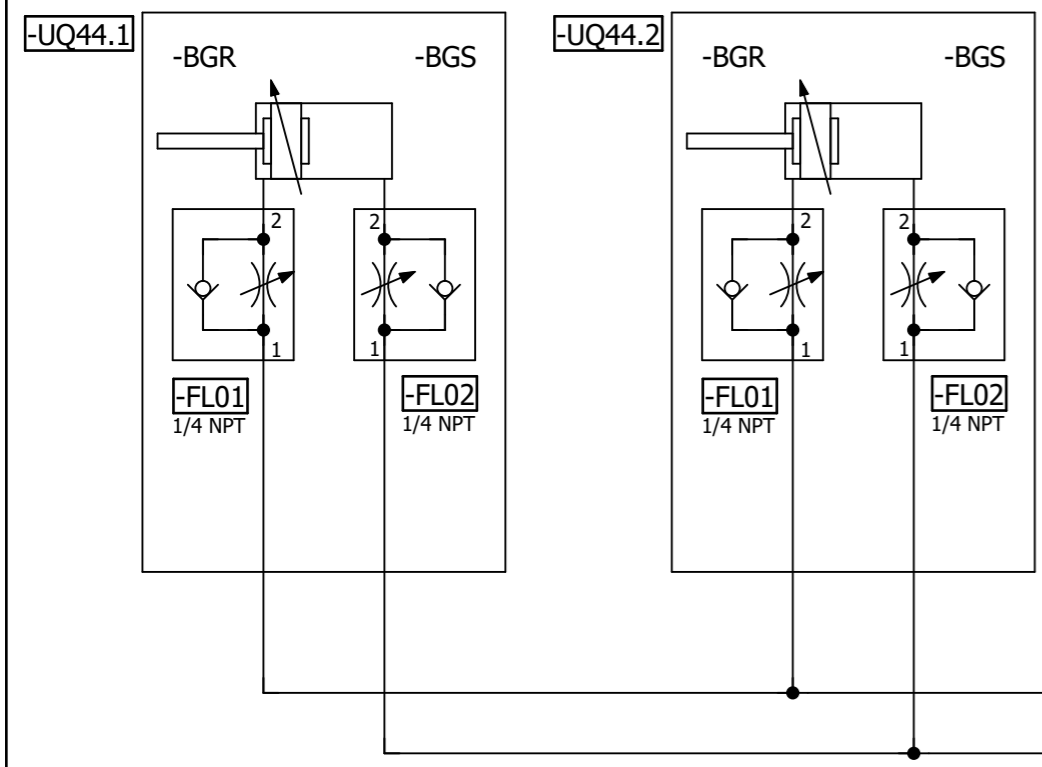


=V1UQ52
-UQ42-QN42.1
Clamps 42
(RST)

=V1UQ52
-UQ42-QN42.2
Clamps 42
(SET)

=V1UQ52UQ41/1

=V1UQ52UQ43/1



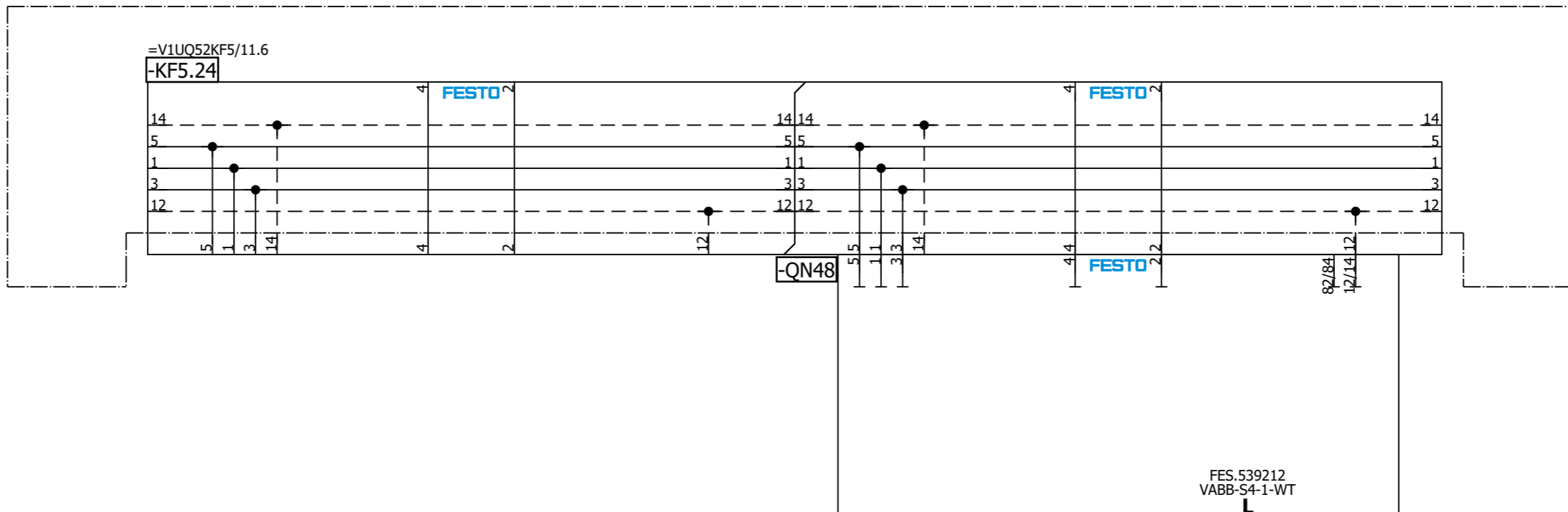
=V1UQ52
-UQ44-QN44.1
Shot Pins 44
(RST)

=V1UQ52
-UQ44-QN44.2
Shot Pins 44
(SET)

=V1UQ52UQ43/1

=V1UQ52UQ45/1

=V1UQ52KF5



=V1UQ52UQ47/1

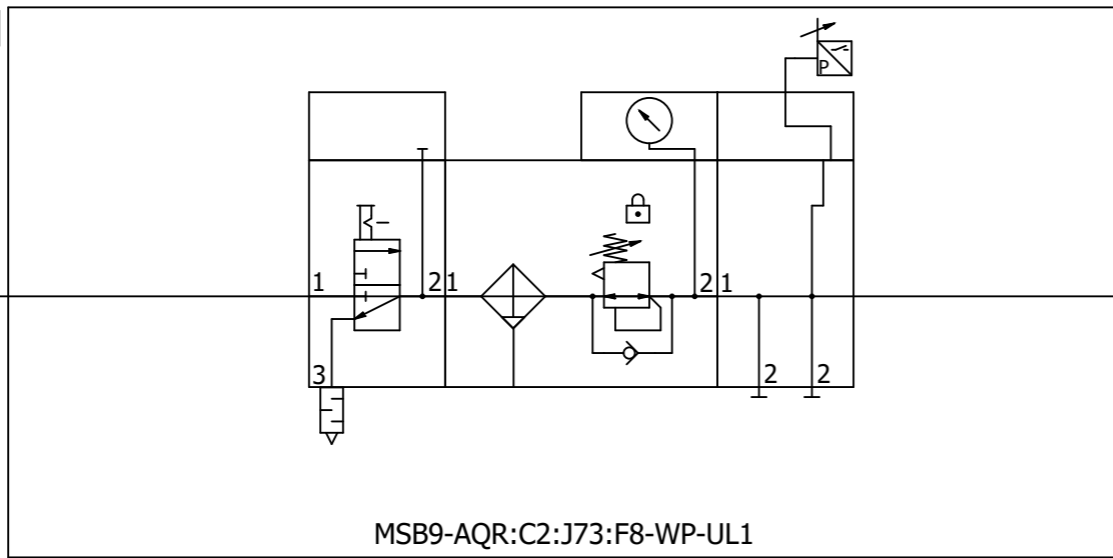
=V1UQ53+KH1/1

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		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			=2V10&MFS-PNEU		+ V1UQ52			
		Appr		Replacement of	Replaced by	Scale 1:1	Document type:	MFS	Project nr:	22-16150	Page	1
Modification	Date	Name	Original									420



A2

=KH0+KH0/1.7 / +V1UQ53KH1-P1




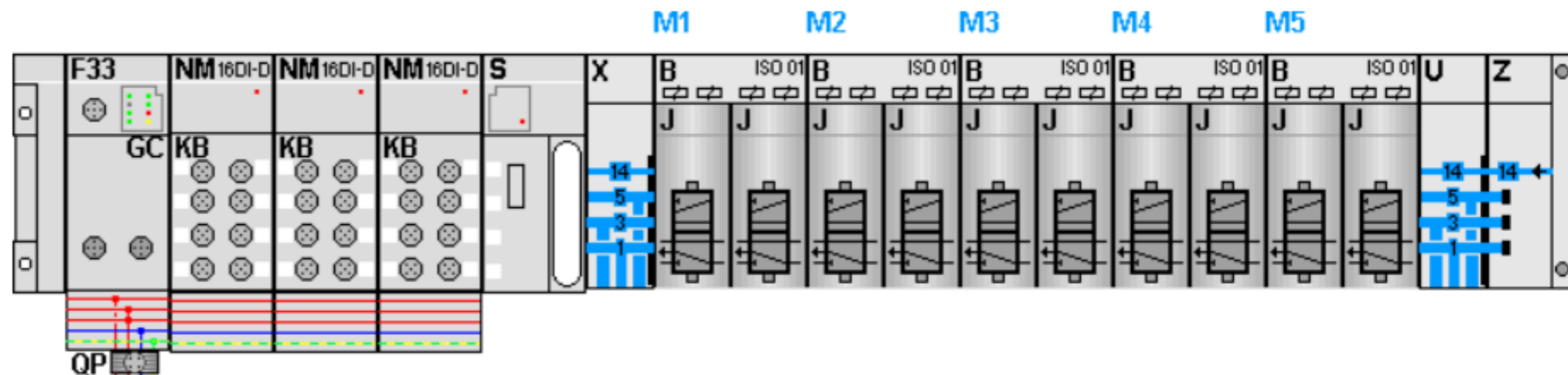
1/2"

+V1UQ53-P1 / =V1UQ53KF1+V1UQ53/11.0

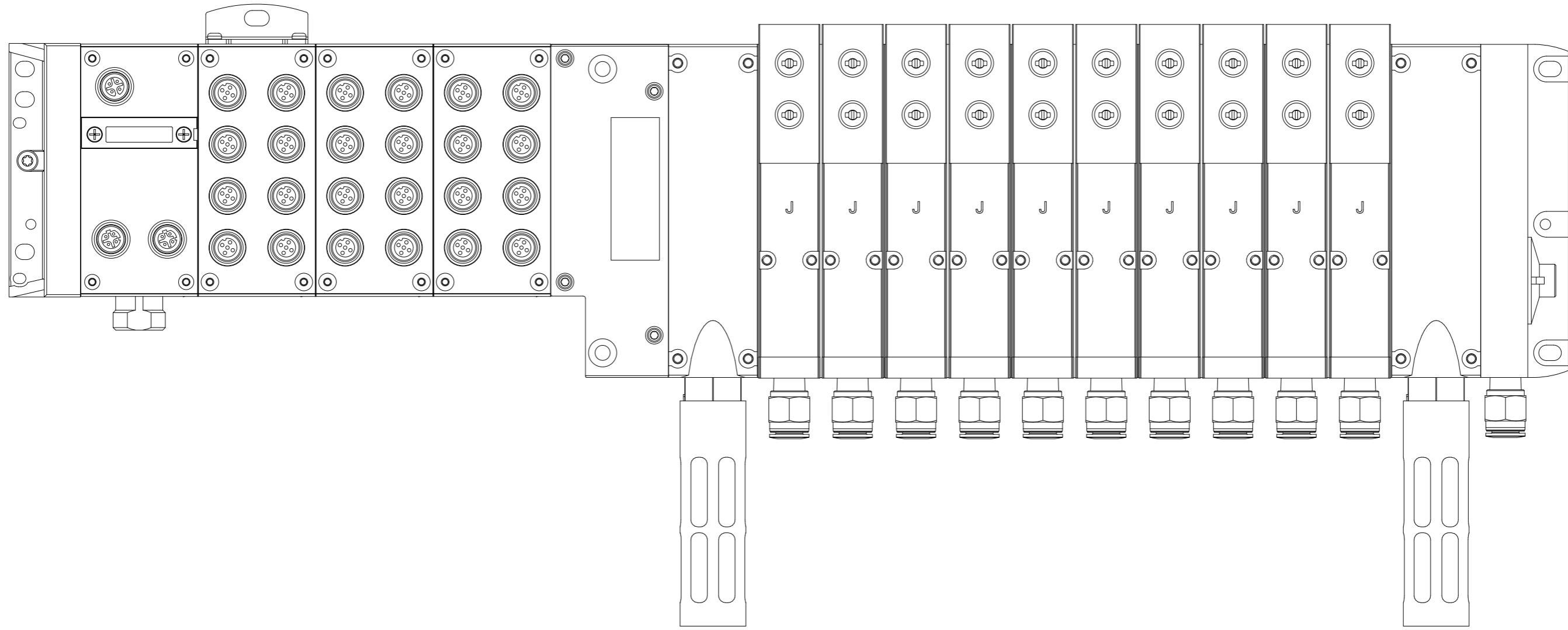
=V1UQ52UQ48+V1UQ52/1

=V1UQ53KF1+V1UQ53/5

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	Incoming air supply (Fixture)	Drawing name:		= V1UQ53
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10						=2V10&MFS-PNEU	
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1		Document type:	Project nr:	Page
									MFS	22-16150	1
											420

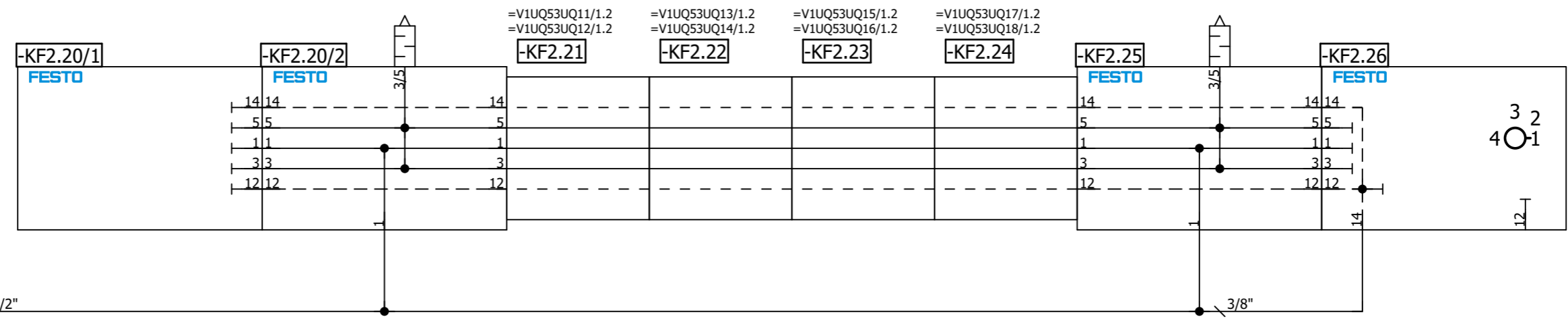
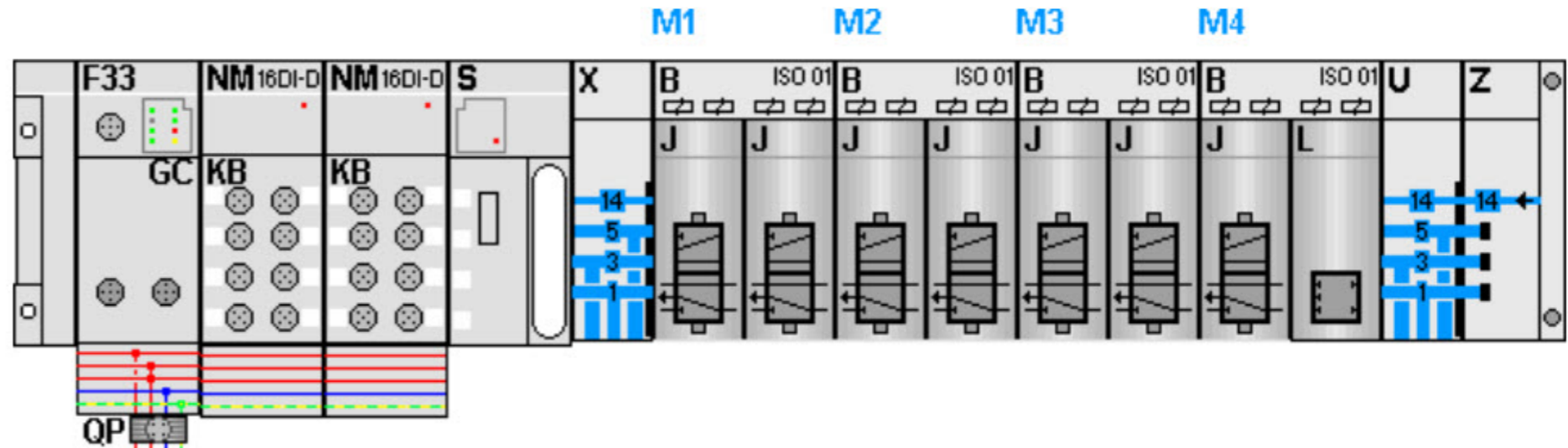


KF1.0



=V1UQ53+KH1/1

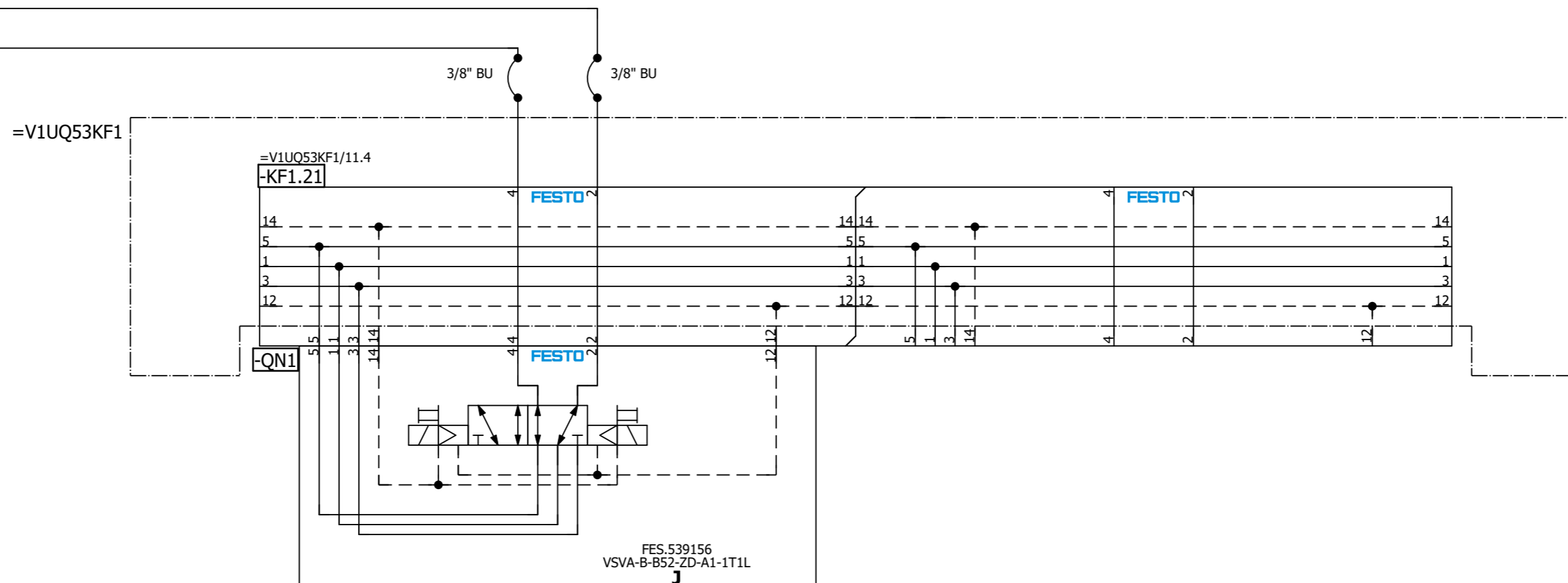
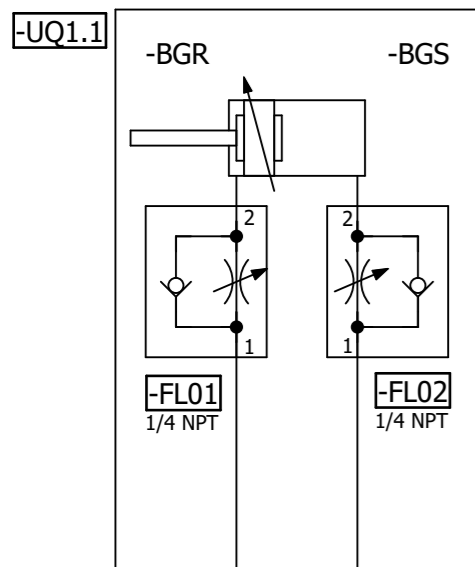
Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Drawing name: =2V10&MFS-PNEU Document type: MFS		Project nr: 22-16150		Page 5
				Date: 1/10/2023 Ed.: MKLEPADLO Appr:	Volvo Trucks North America P6700 Bodyside RH - Robot Cell 2V10		Valiant TMS AIR SUPPLY CONFIGURATION	= V1UQ53KF1 + V1UQ53				420



5

=V1UQ53UQ1/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1UQ53KF2
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ53
Appr.			Replacement of		Scale 1:1	Document type:		MFS	Project nr:
Original			Replaced by			MFS		22-16150	
Modification	Date	Name	Original						420



=V1UQ53
-UQ1-QN1.1
Shot Pin 1
(RST)

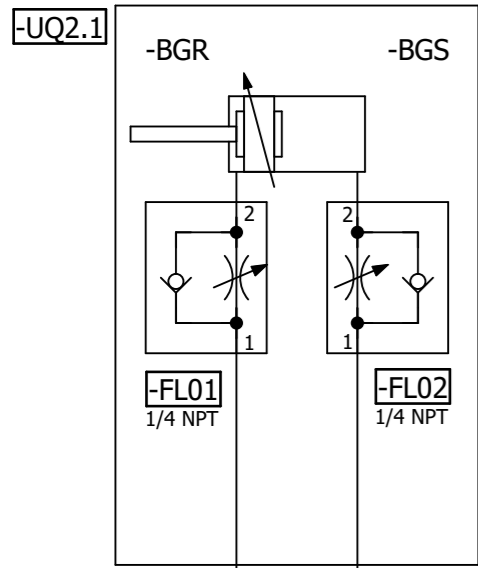
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-UQ1-QN1.2
Shot Pin 1
(SET)

=V1UQ53KF2/11

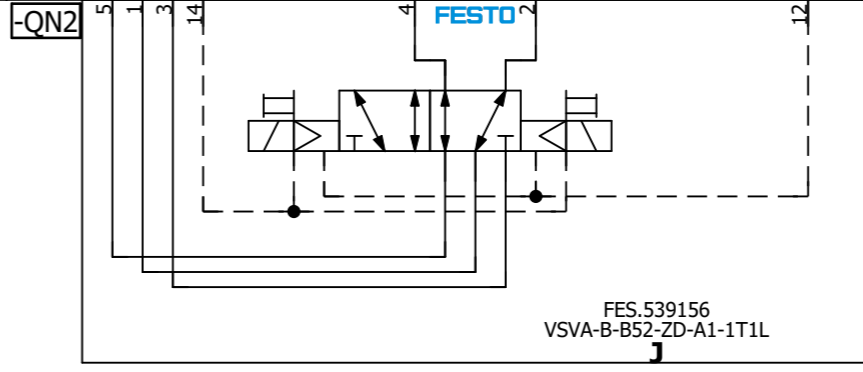
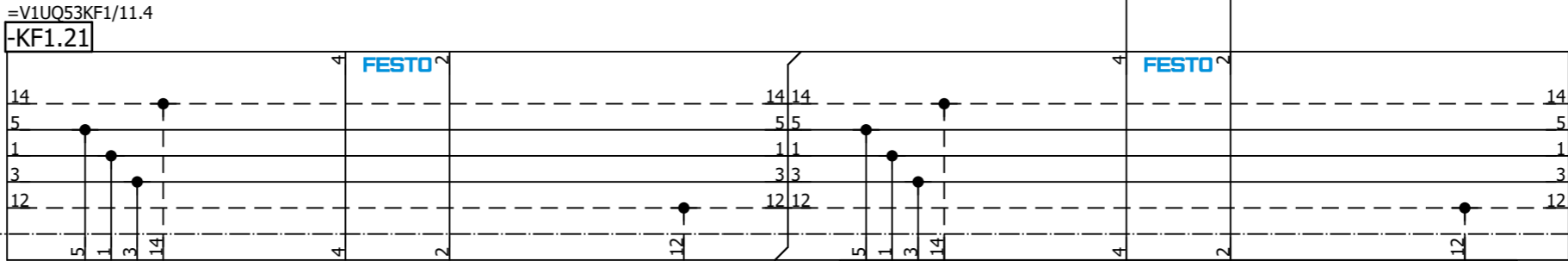
=V1UQ53UQ2/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 1	Drawing name:		= V1UQ53UQ1
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ53
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1





=V1UQ53KF1



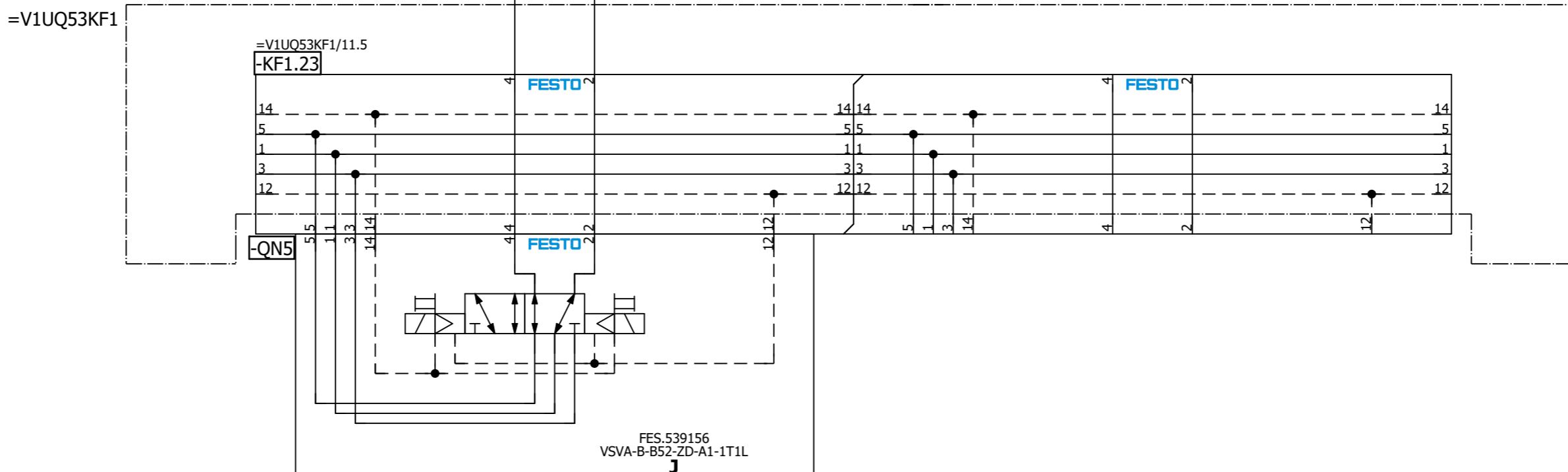
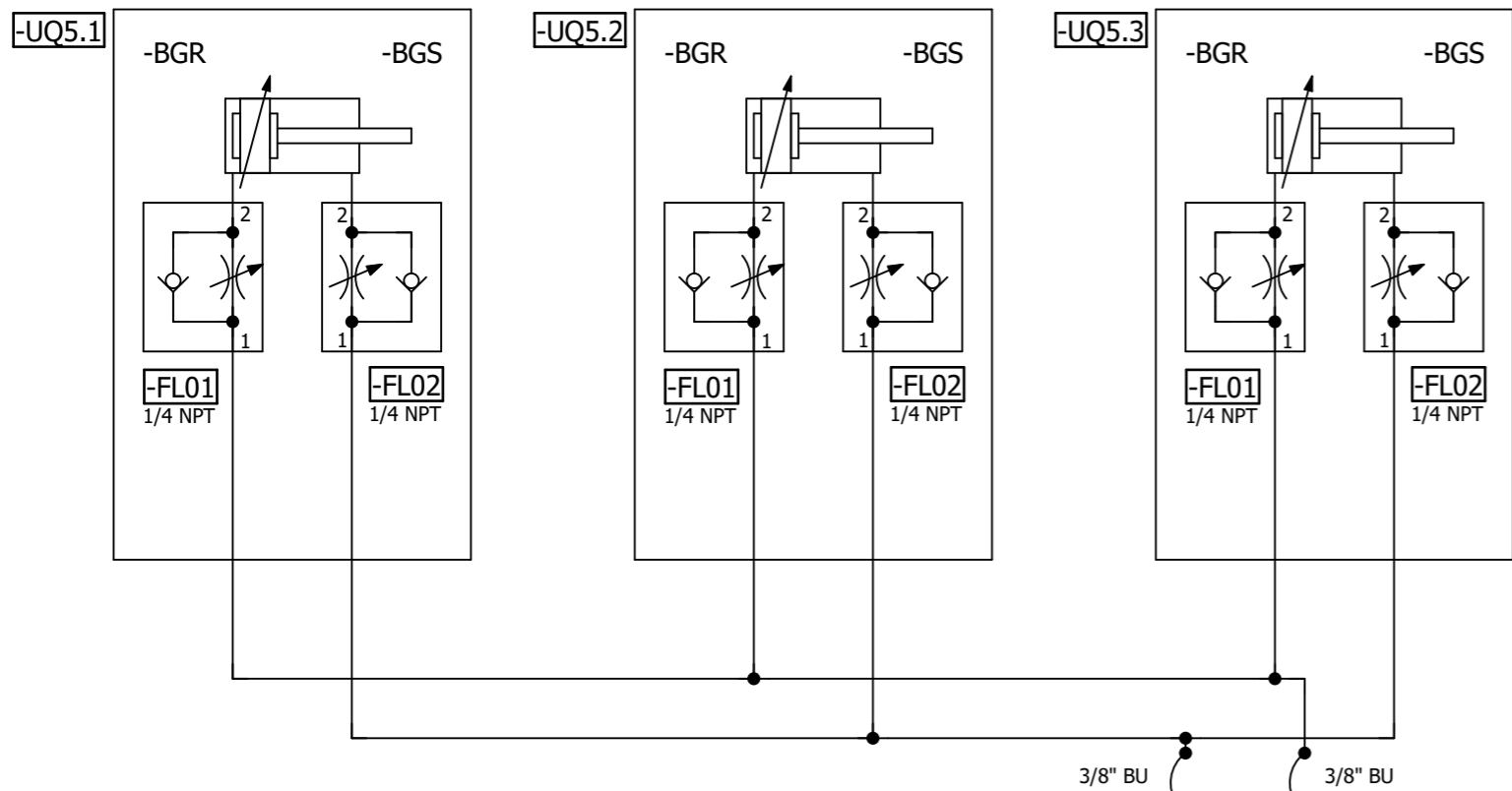
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-UQ2-QN2.1
Shot Pin 2
(RST)

=V1UQ53
-UQ2-QN2.2
Shot Pin 2
(SET)

=V1UQ53UQ1/1

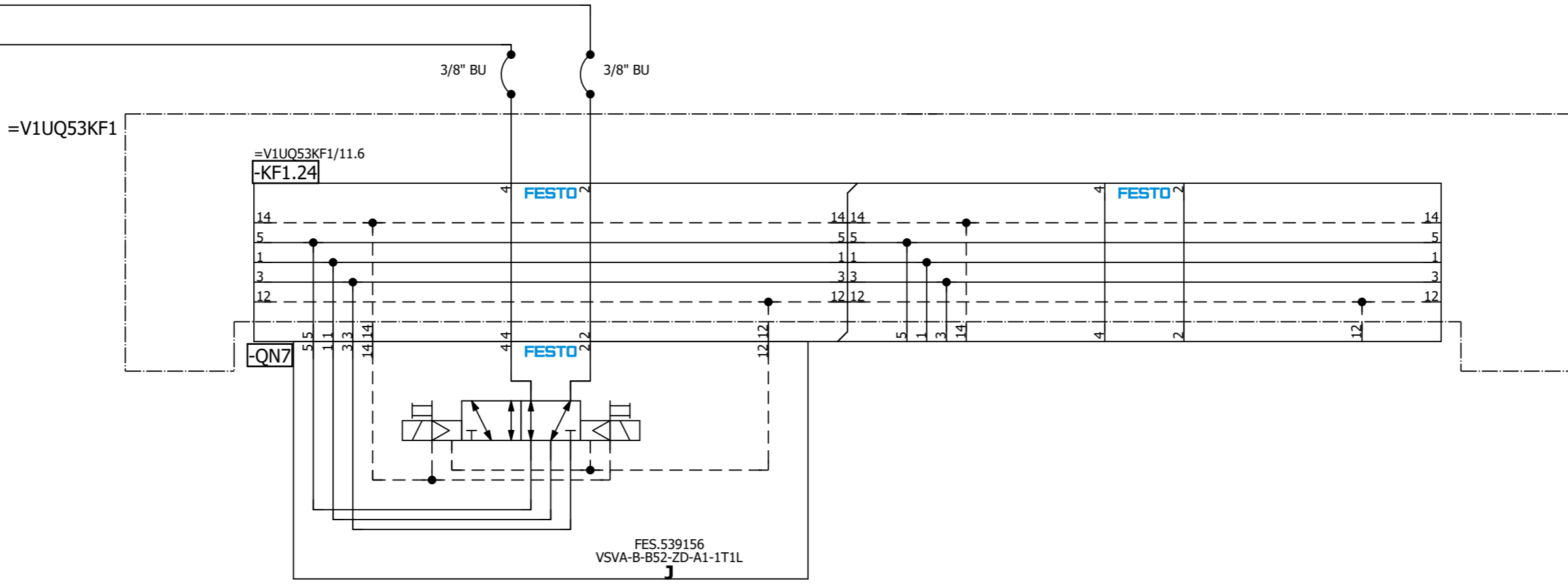
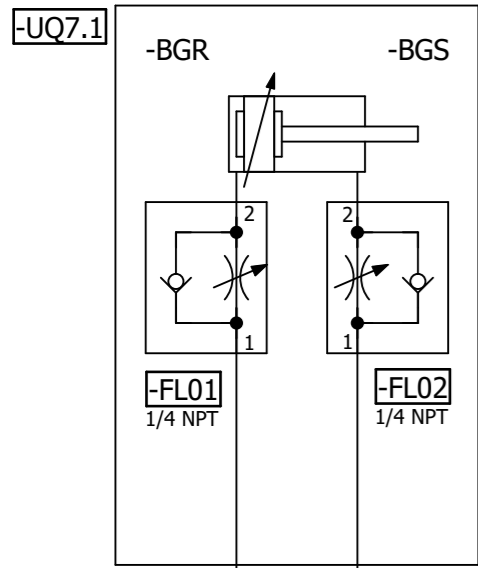
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Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 2	Drawing name:		= V1UQ53UQ2
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ53
Appr.			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS		22-16150
Modification		Date	Name	Original					420



=V1UQ53
-UQ5-QN5.1
Clamps 5
(RST)

=V1UQ53
-UQ5-QN5.2
Clamps 5
(SET)



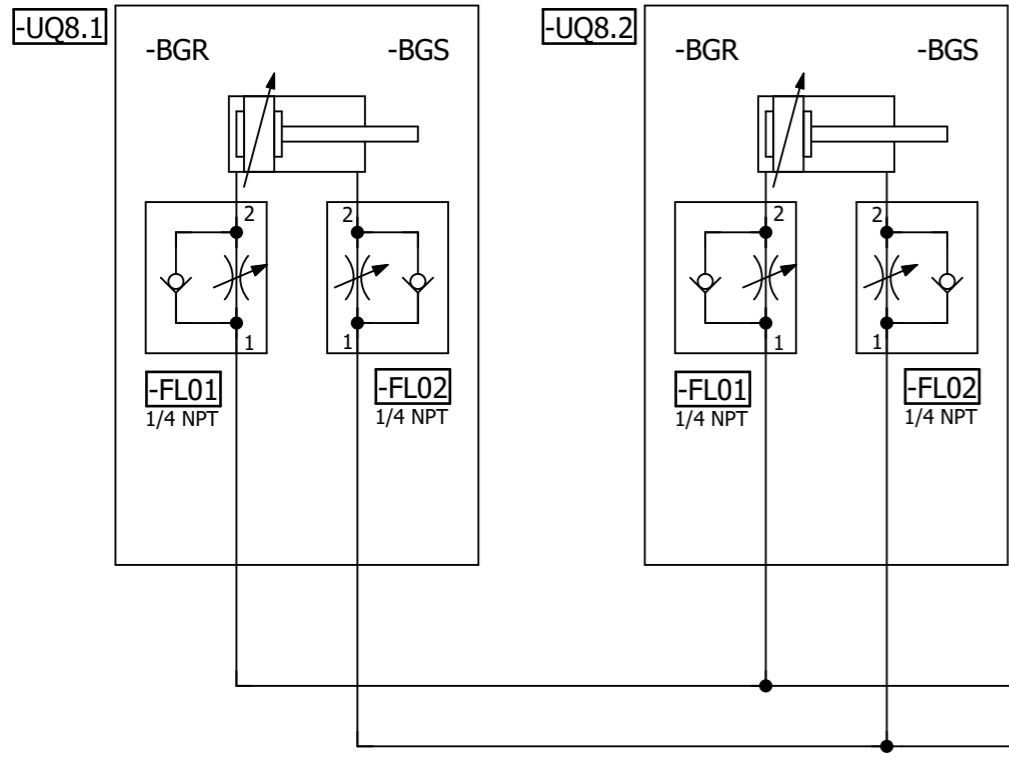
=V1UQ53
-UQ7-QN7.1
Clamp 7
(RST)

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-UQ7-QN7.2
Clamp 7
(SET)

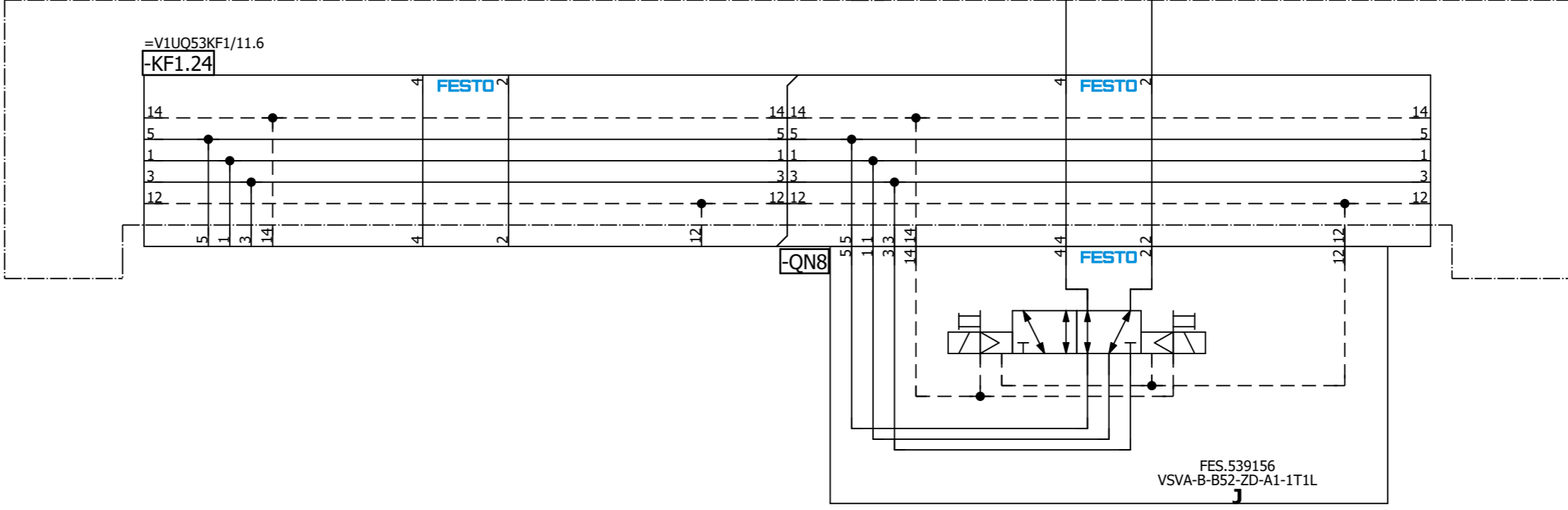
=V1UQ53UQ6/1

=V1UQ53UQ8/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 7	Drawing name:		= V1UQ53UQ7	Page	1
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ53		
Appr			Replacement of		Replaced by	Scale 1:1	Document type:	MFS	Project nr:	22-16150	420
Modification	Date	Name	Original								



=V1UQ53KF1



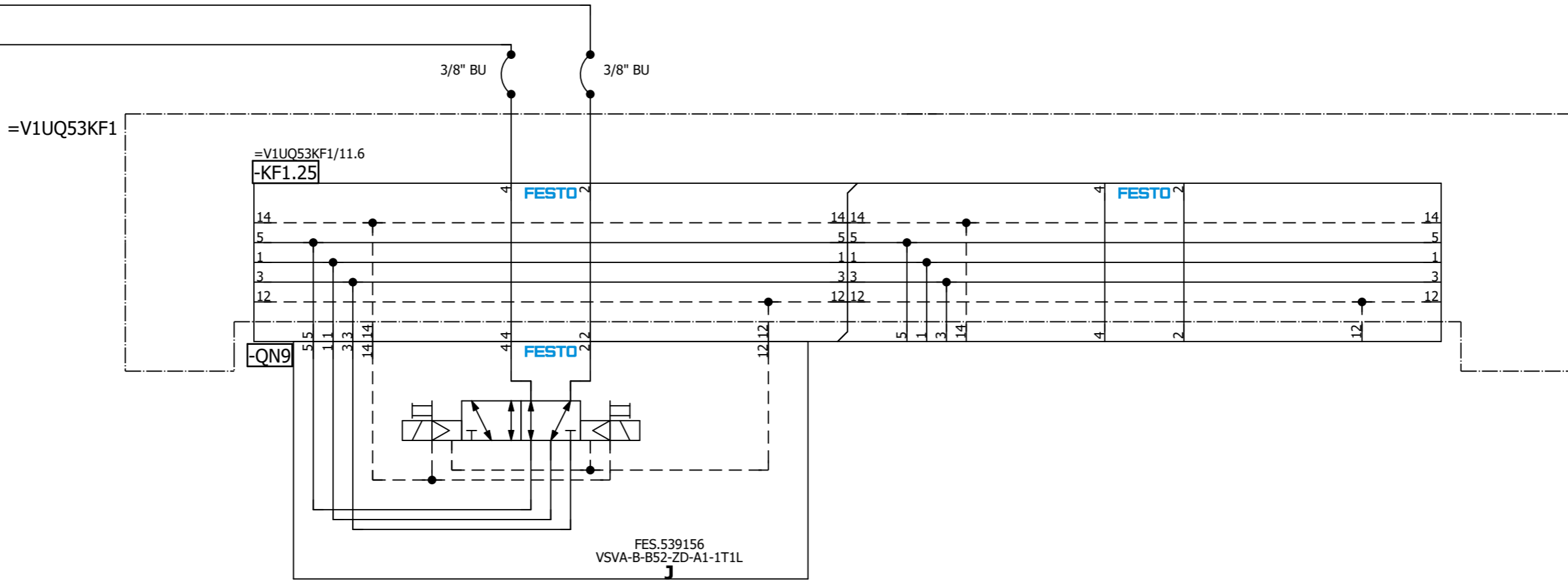
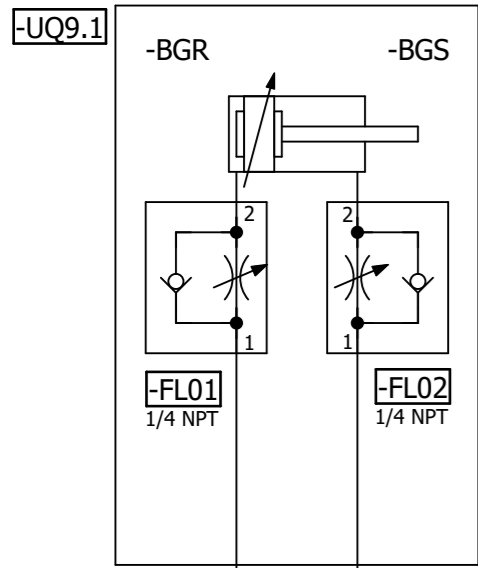
=V1UQ53
-UQ8-QN8.1
Clamps 8
(RST)

=V1UQ53
-UQ8-QN8.2
Clamps 8
(SET)

=V1UQ53UQ9/1

=V1UQ53UQ7/1

Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Drawing name: =2V10&MFS-PNEU		= V1UQ53UQ8 + V1UQ53		Page 1
		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Document type: MFS		Project nr: 22-16150		Page 420
				Date	1/10/2023	Volvo Trucks North America		Valiant TMS		Clamps 8		
				Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		FES.539156 VSVA-B-B52-ZD-A1-1T1L				



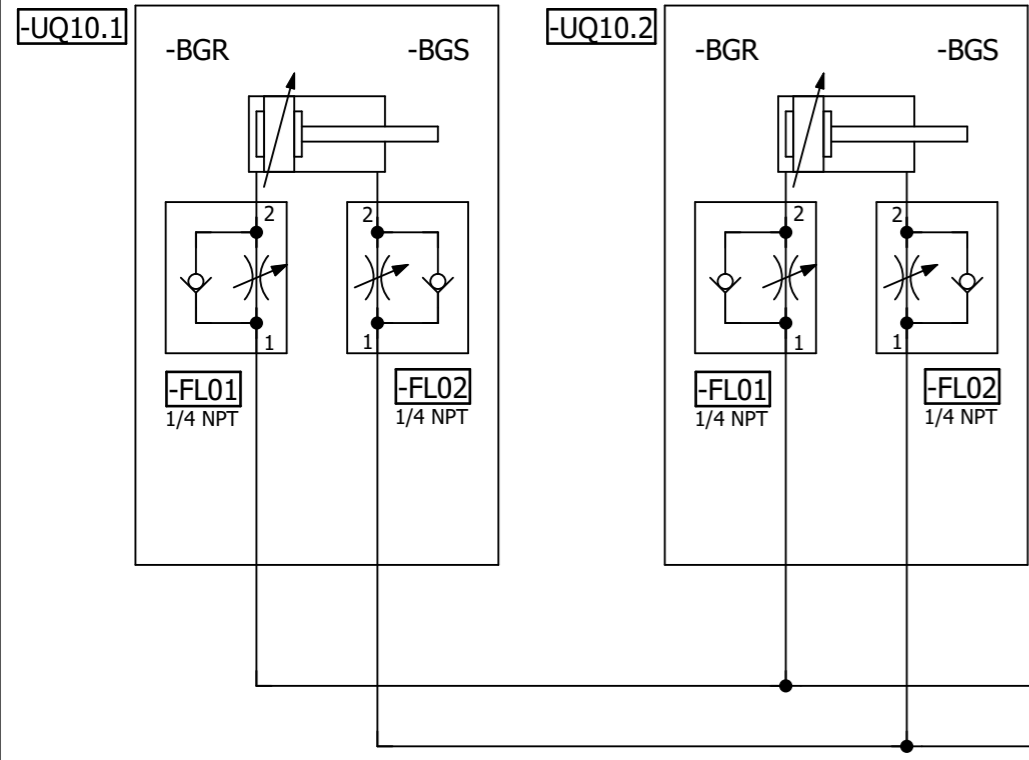
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Clamp 9
(RST)

=V1UQ53
-UQ9-QN9.2
Clamp 9
(SET)

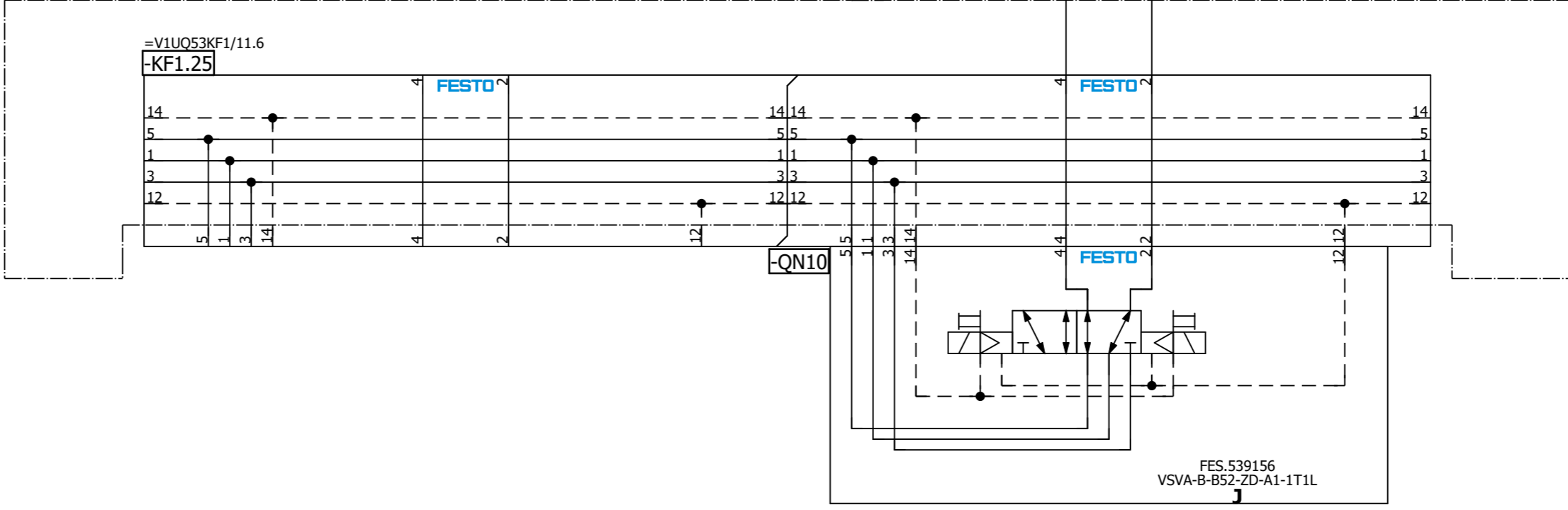
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=V1UQ53UQ10/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS		Clamp 9		Drawing name: =2V10&MFS-PNEU		= V1UQ53UQ9 + V1UQ53	
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1				Document type:	MFS	Project nr:	22-16150
Modification	Date	Name	Original		Replacement of	Replaced by							Page	1
														420



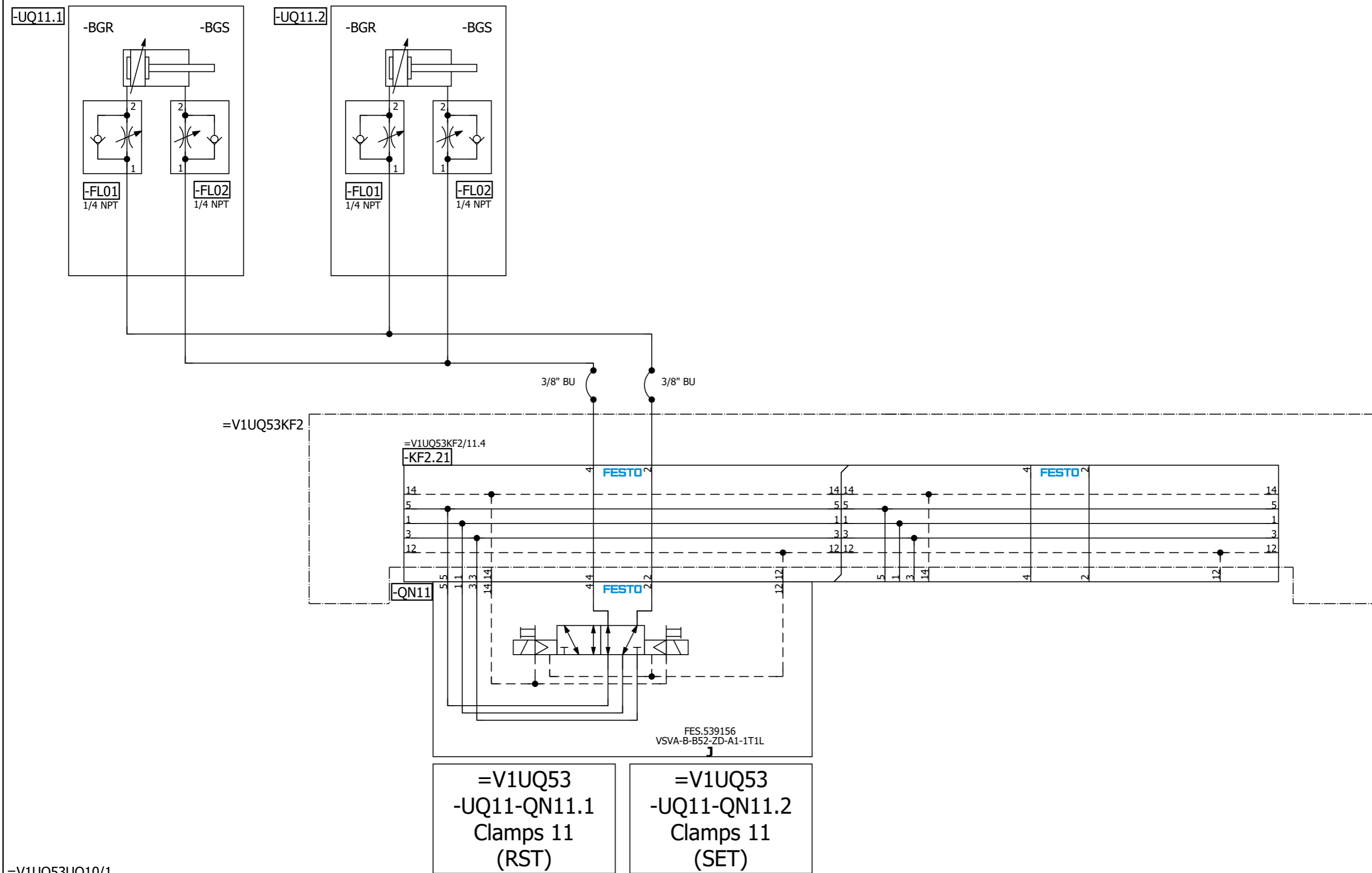
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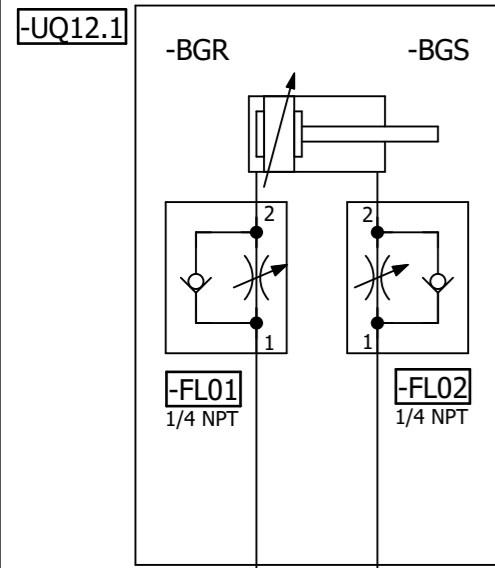


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-UQ10-QN10.1
Clamps 10
(RST)

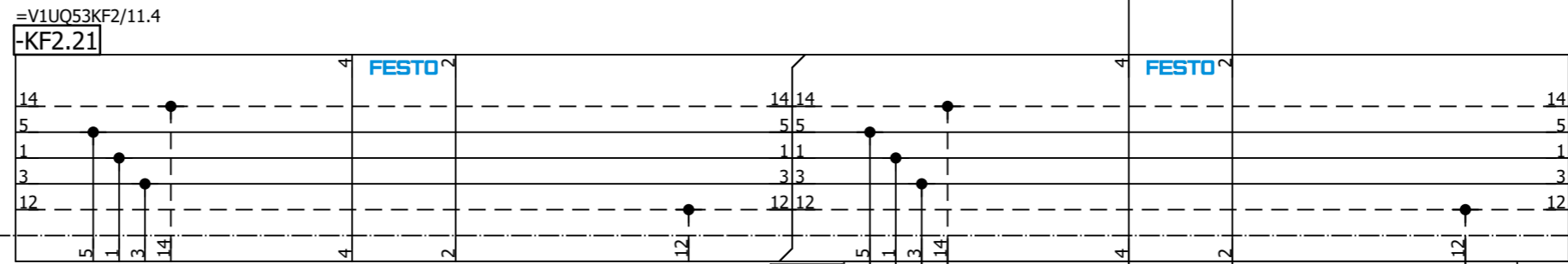
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Clamps 10
(SET)

=V1UQ53UQ11/1





=V1UQ53KF2



3/8" BU

3/8" BU

=V1UQ53
-UQ12-QN12.1
Clamp 12
(RST)

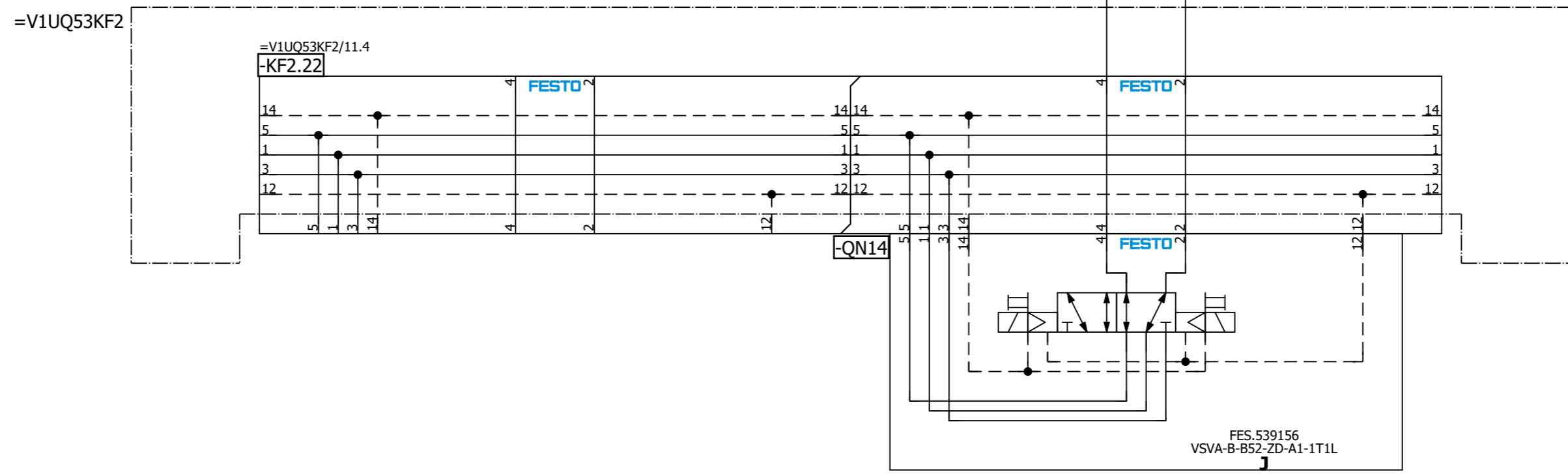
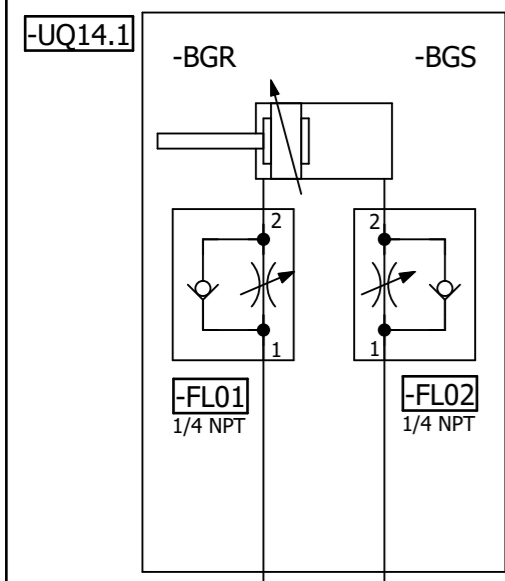
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Clamp 12
(SET)

FES.539156
VSVA-B-B52-ZD-A1-1T1L

=V1UQ53UQ13/1

=V1UQ53UQ11/1

			Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Clamp 12	Drawing name:	= V1UQ53UQ12	
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU	= V1UQ53UQ12	
			Appr		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original						MFS	22-16150	1
											420



=V1UQ53
-UQ14-QN14.1
Shot Pin 14
(RST)

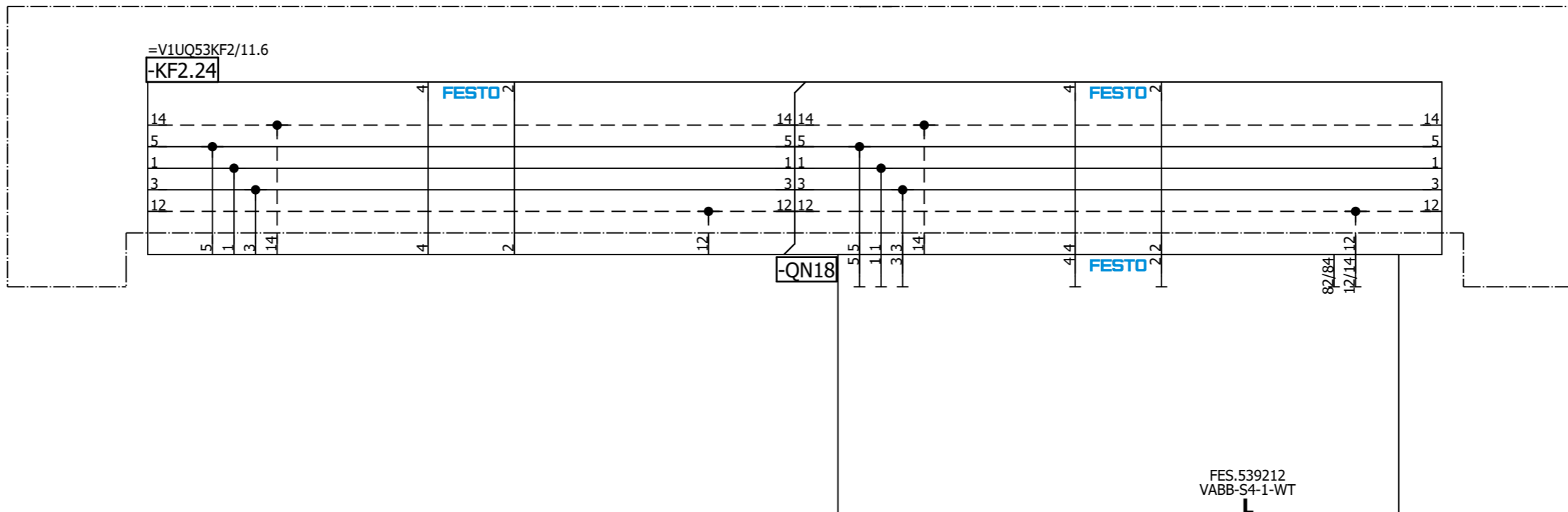
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-UQ14-QN14.2
Shot Pin 14
(SET)

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=V1UQ53UQ15/1


		Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 14	Drawing name:	= V1UQ53UQ14	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1			=2V10&MFS-PNEU	+ V1UQ53
Modification	Date	Name	Original	Replacement of	Replaced by			Document type:	Project nr:	Page
								MFS	22-16150	1
										420

=V1UQ53KF2



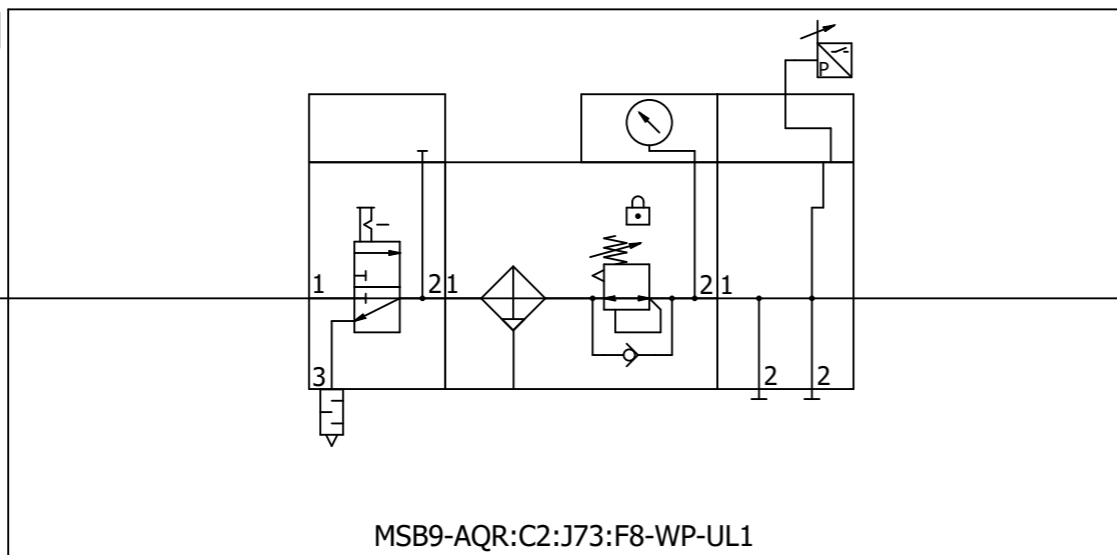
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=V1UQ54+KH1/1

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	Spare	Drawing name: =2V10&MFS-PNEU		= V1UQ53UQ18 + V1UQ53	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			Scale 1:1			Document type: MFS	Project nr: 22-16150	Page
Modification	Date	Name	Original	Replacement of	Replaced by							420

A2

=KH0+KH0/1.7 / +V1UQ54KH1-P1



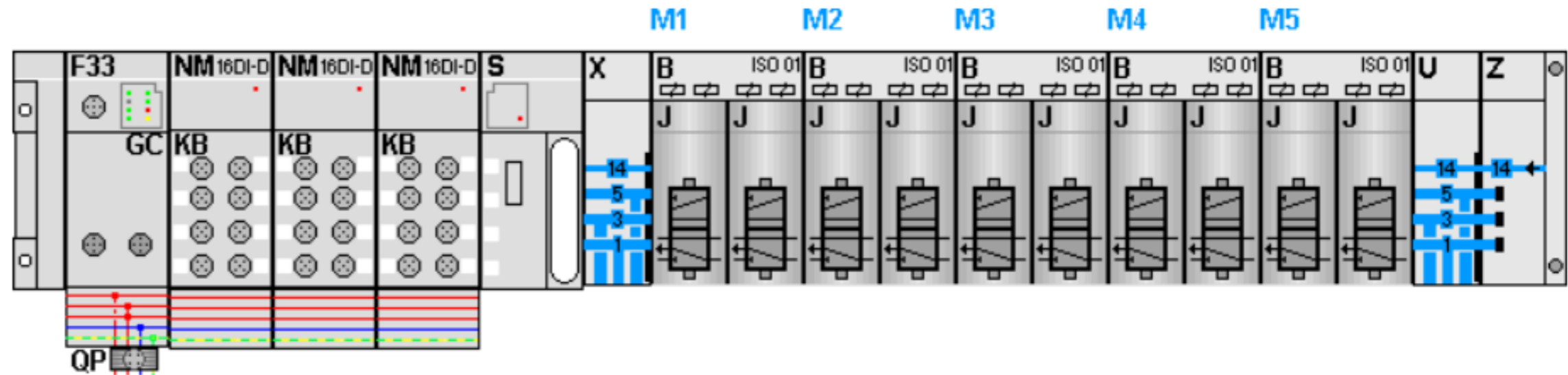
1/2"

+V1UQ54-P1 / =V1UQ54KF1+V1UQ54/11.0

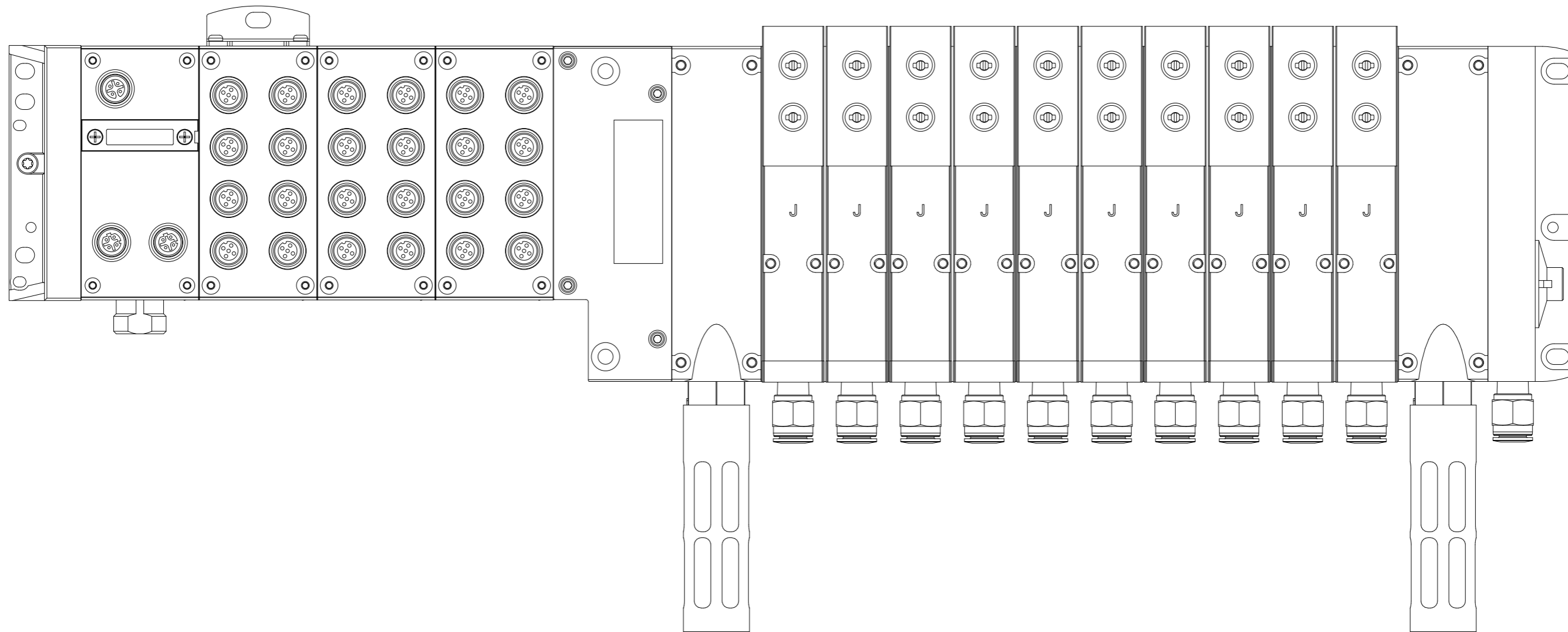
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=V1UQ54KF1+V1UQ54/5

		Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Incoming air supply (Fixture)	Drawing name:		= V1UQ54
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ KH1
		Appr		Replacement of		Scale 1:1	Document type:		Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150		
										420




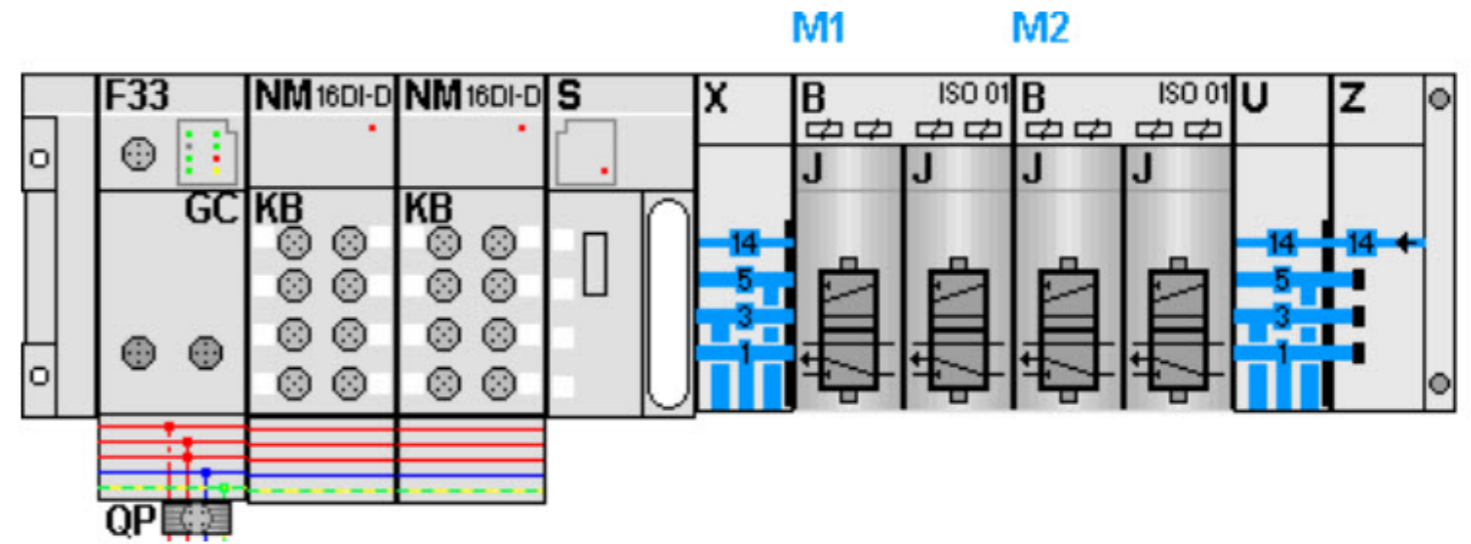
KF1.0



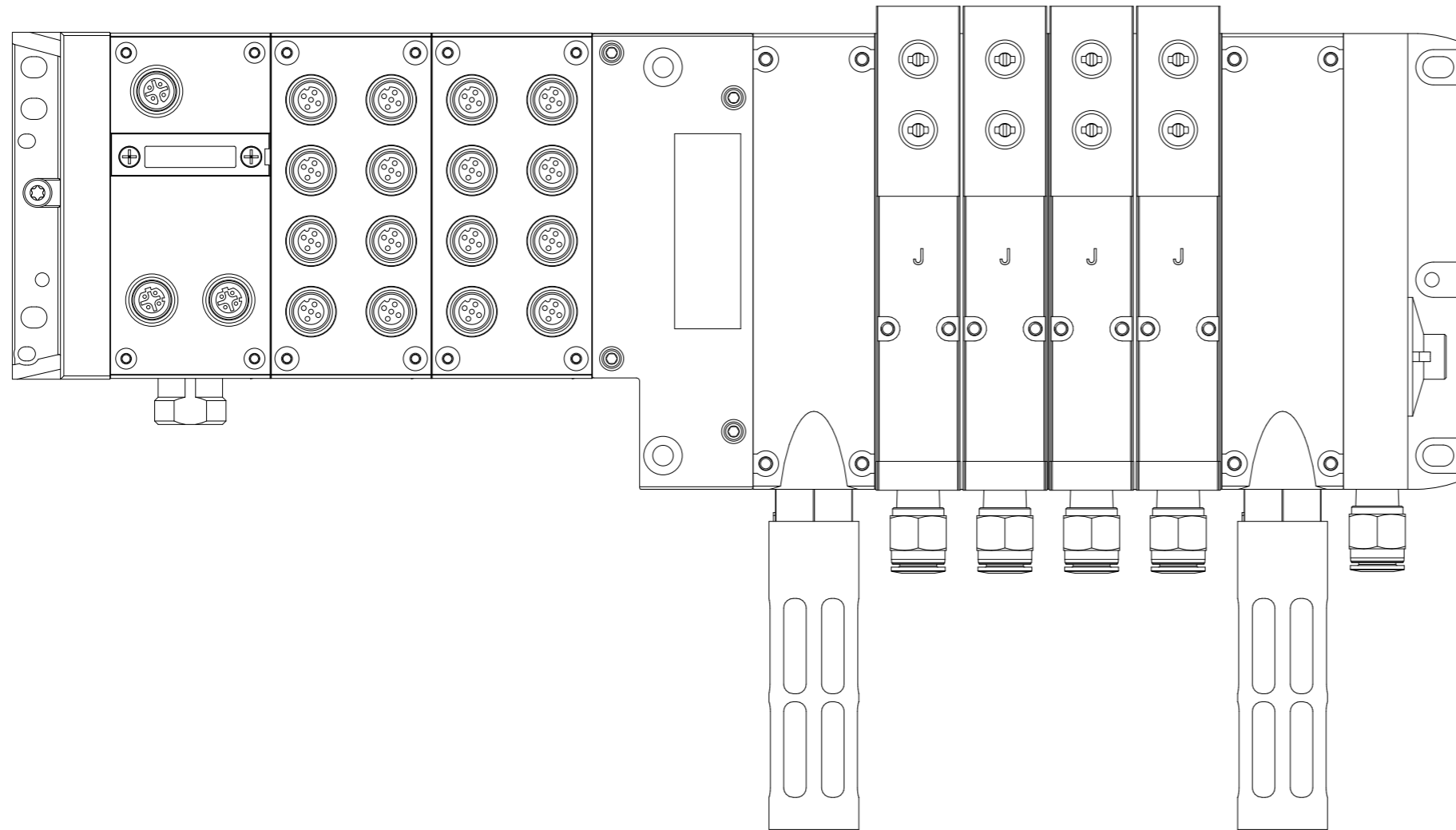
=V1UQ54+KH1/1

11

		Date	1/10/2023	Volvo Trucks North America		 Valiant TMS Scale 1:1	AIR SUPPLY CONFIGURATION		Drawing name: =2V10&MFS-PNEU		= V1UQ54KF1 + V1UQ54	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original	Replacement of	Replaced by							Page 420




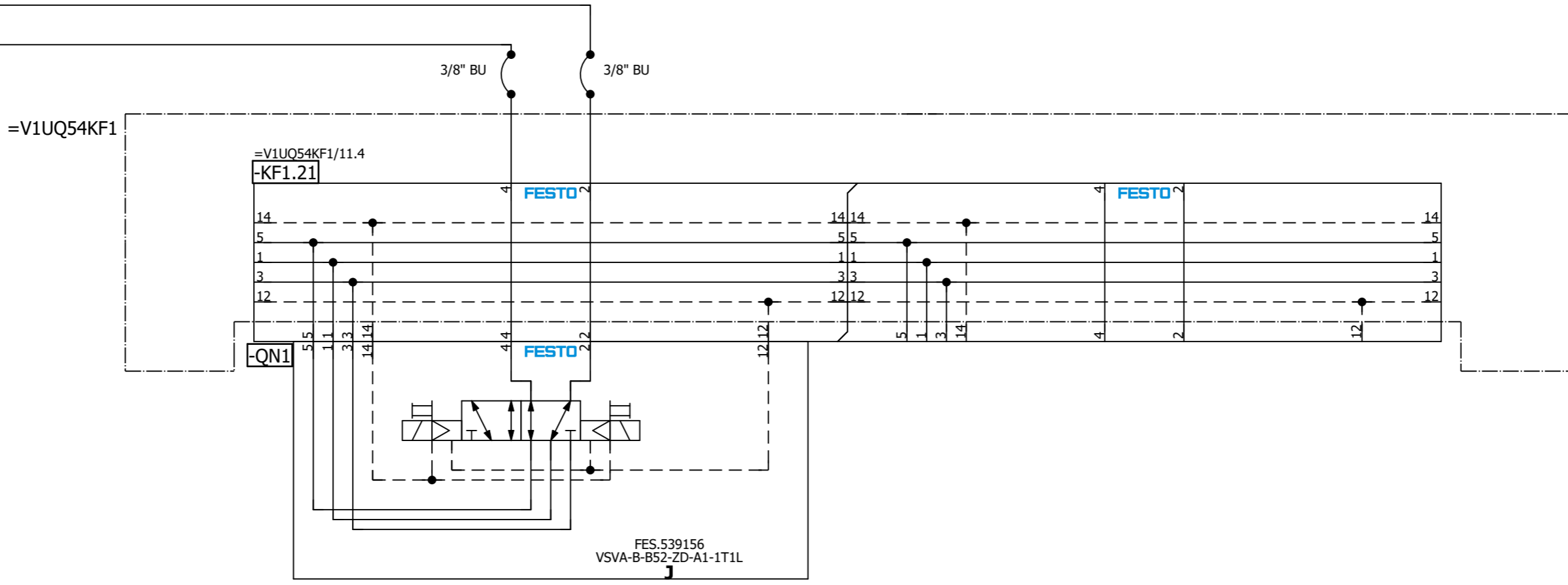
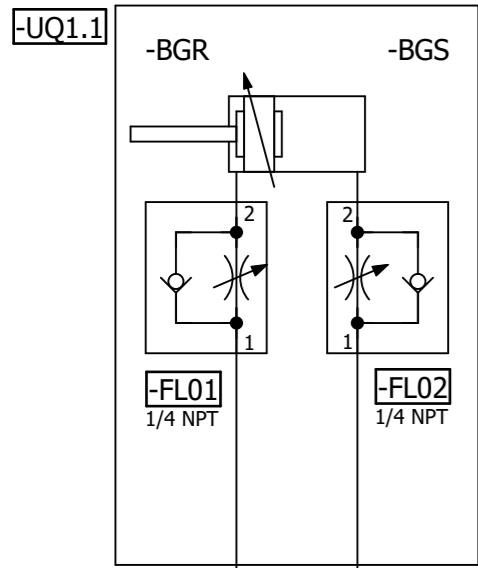
KF2.0



=V1UQ54KF1/11

11

		Date	1/10/2023	Volvo Trucks North America			Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name: =2V10&MFS-PNEU		= V1UQ54KF2 + V1UQ54	
		Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					Document type: MFS	Project nr: 22-16150	Page	5
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1					420



=V1UQ54
-UQ1-QN1.1
Shot Pin 1
(RST)

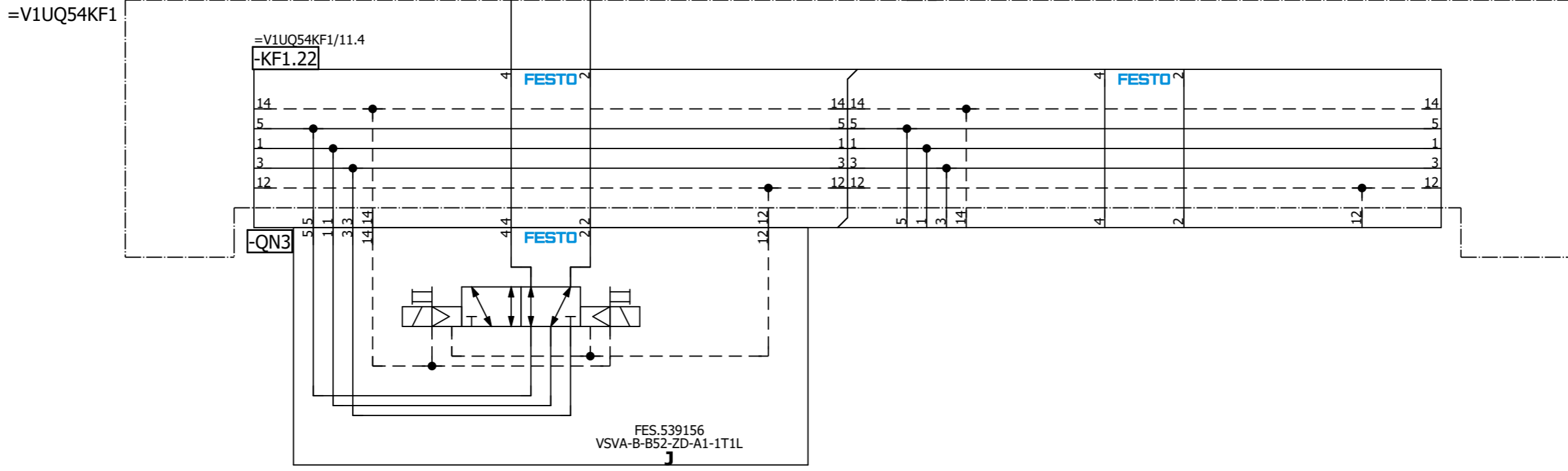
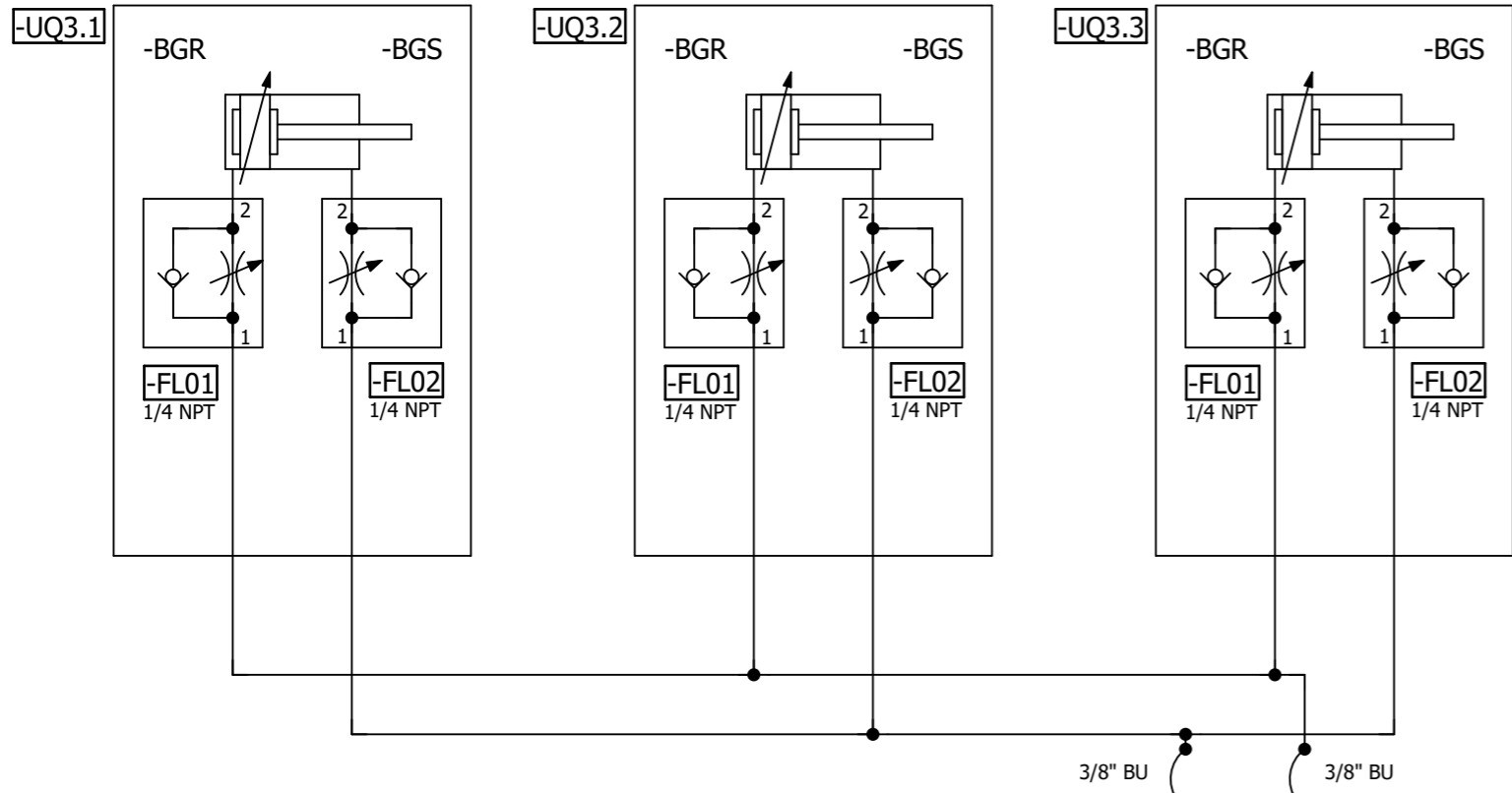
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-UQ1-QN1.2
Shot Pin 1
(SET)

=V1UQ54KF2/11

=V1UQ54UQ2/1

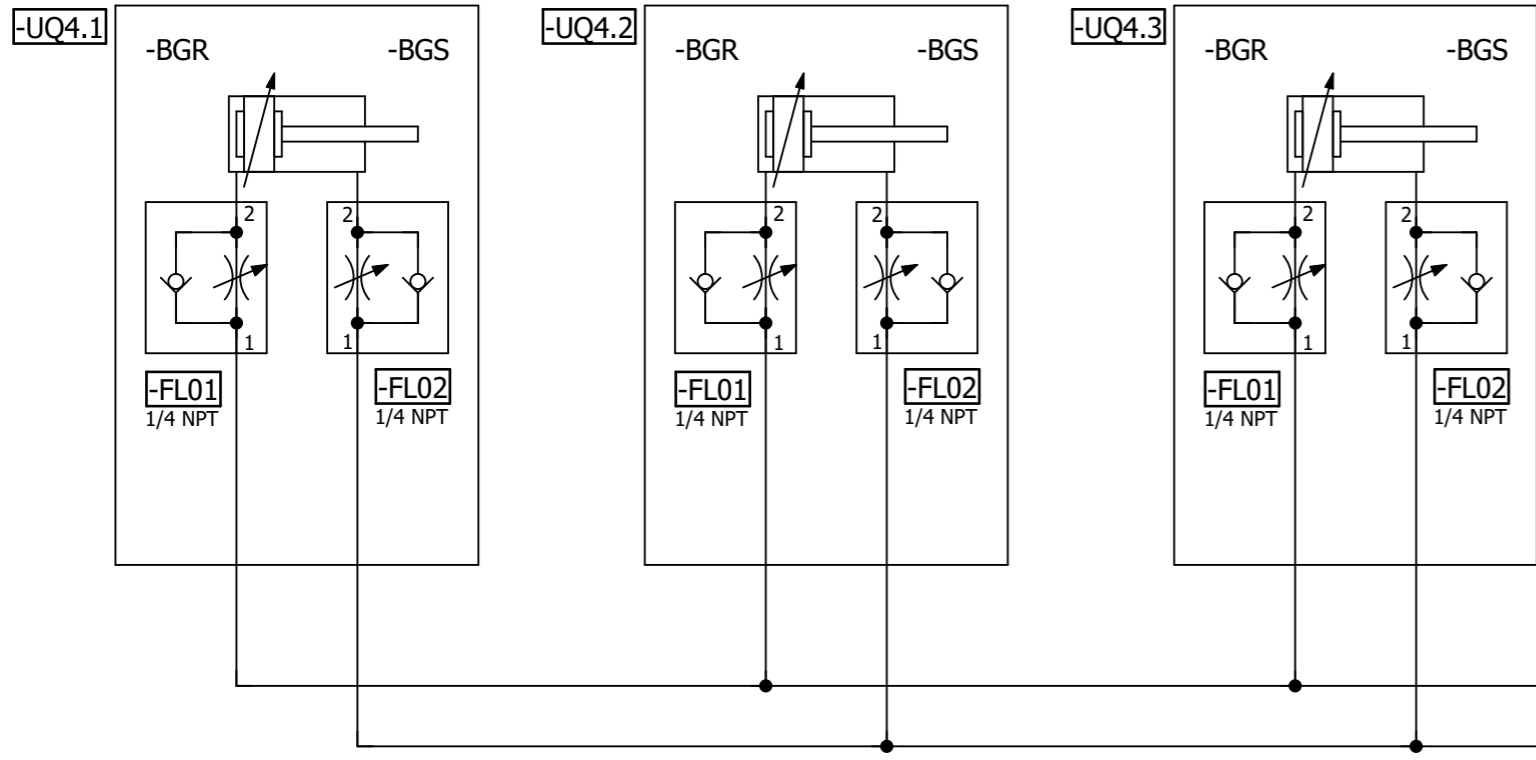
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ54
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									420



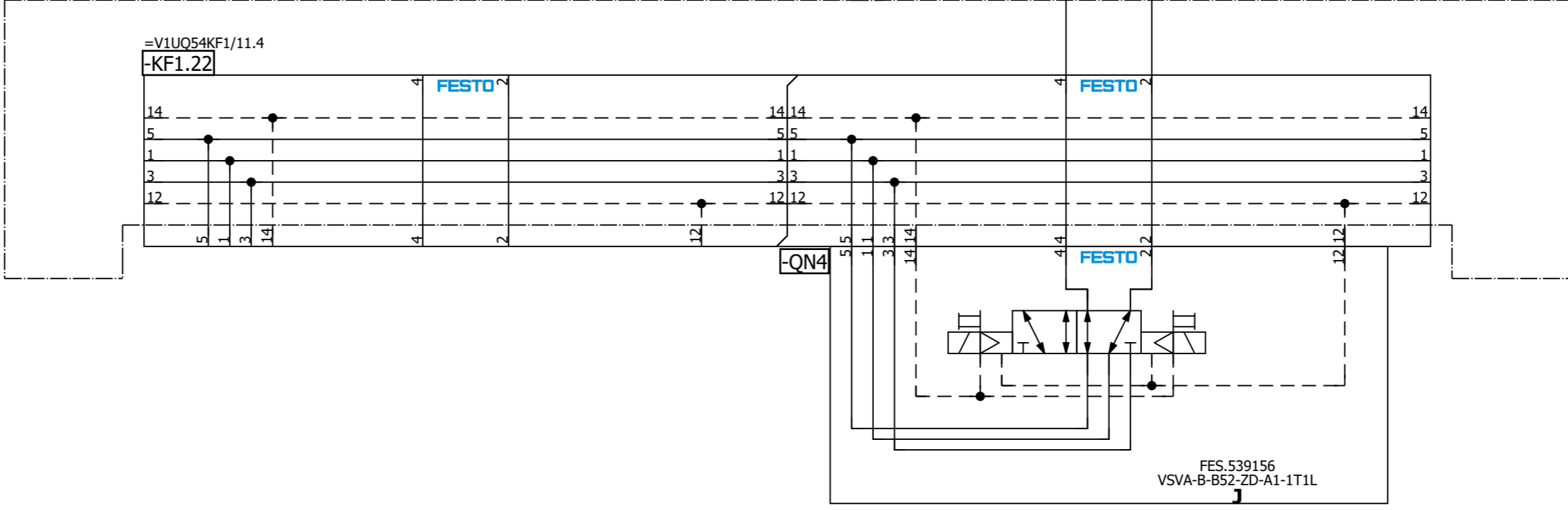


=V1UQ54
-UQ3-QN3.1
Clamps 3
(RST)

=V1UQ54
-UQ3-QN3.2
Clamps 3
(SET)



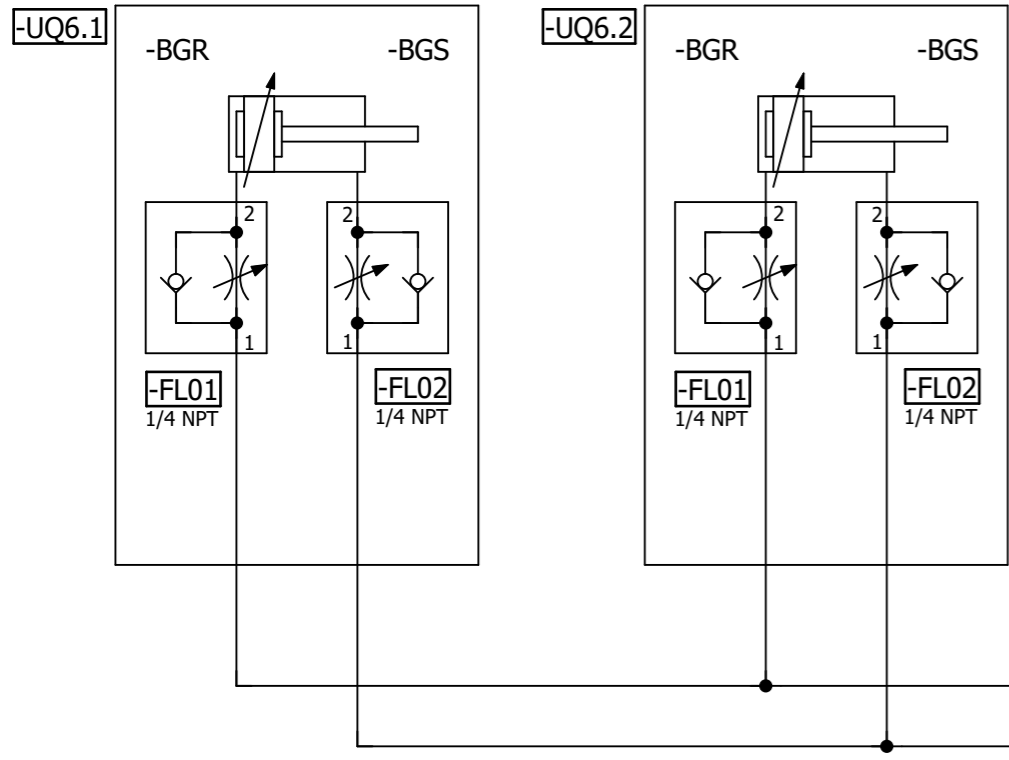
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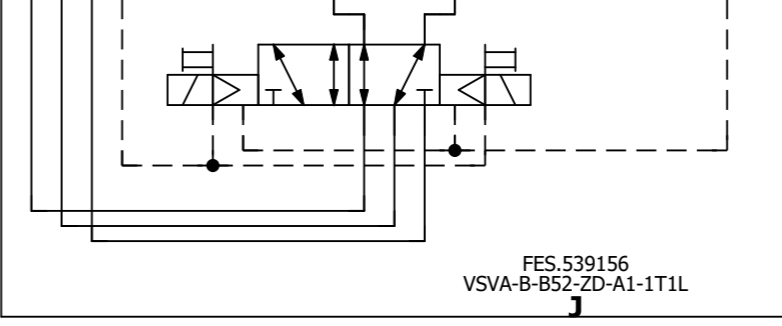
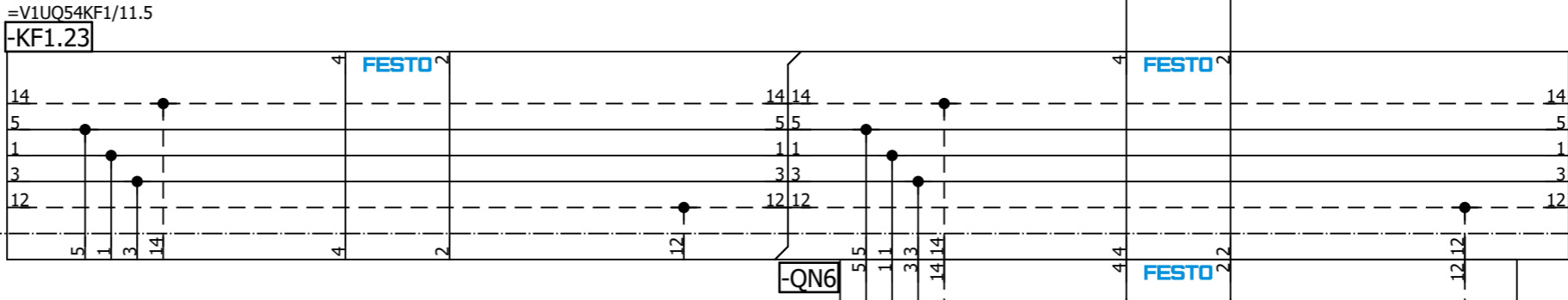
=V1UQ54
-UQ4-QN4.1
Clamps 4
(RST)

=V1UQ54
-UQ4-QN4.2
Clamps 4
(SET)

=V1UQ54UQ5/1



=V1UQ54KF1




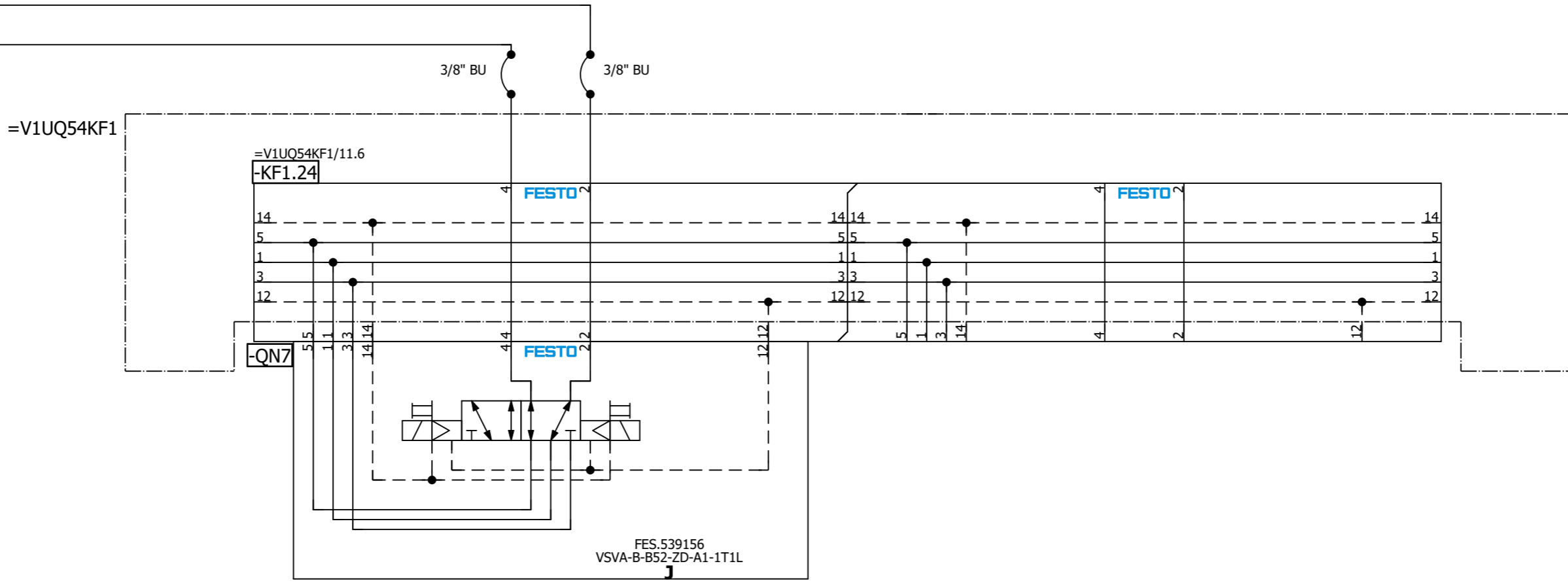
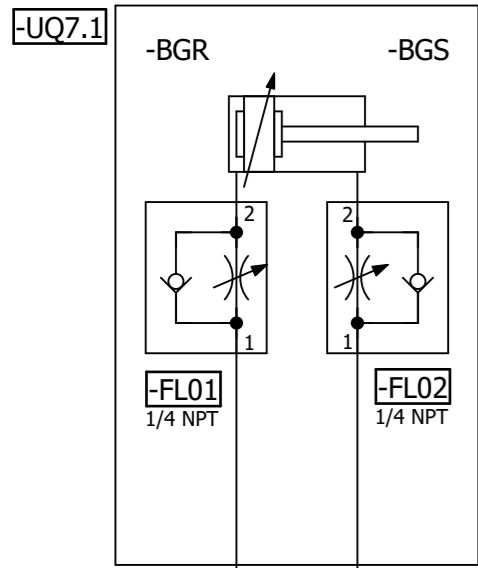
=V1UQ54
-UQ6-QN6.1
Clamps 6
(RST)

=V1UQ54
-UQ6-QN6.2
Clamps 6
(SET)

=V1UQ54UQ5/1

=V1UQ54UQ7/1

			Date	1/10/2023	Volvo Trucks North America		 Valiant TMS Clamps 6	Drawing name: =2V10&MFS-PNEU		= V1UQ54UQ6 + V1UQ54		
			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			Document type:	MFS	Project nr:	22-16150	Page
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1					420



=V1UQ54
-UQ7-QN7.1
Clamp 7
(RST)

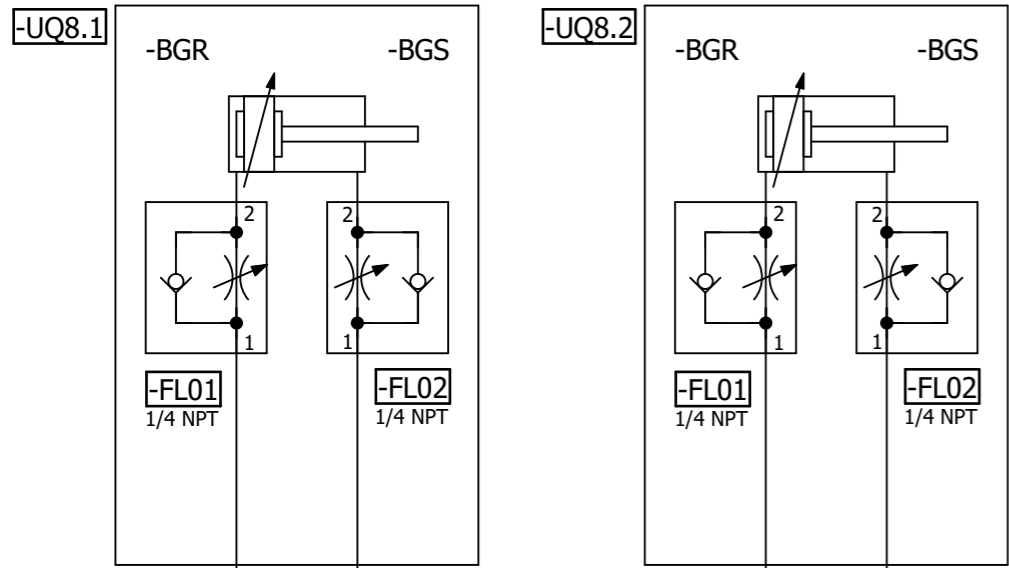
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-UQ7-QN7.2
Clamp 7
(SET)

=V1UQ54UQ6/1

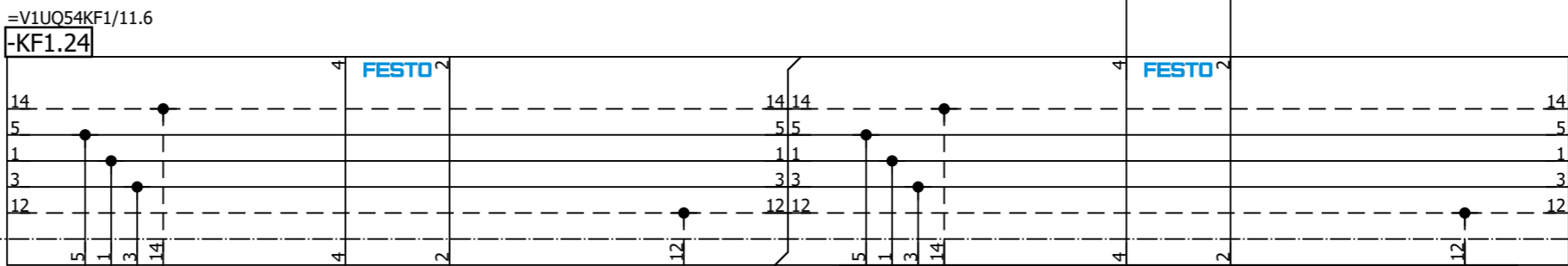
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Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				Document type:		MFS		
Appr			Replacement of		Scale 1:1		Project nr:		22-16150	Page	
Original			Replaced by								420





=V1UQ54KF1




-QN8

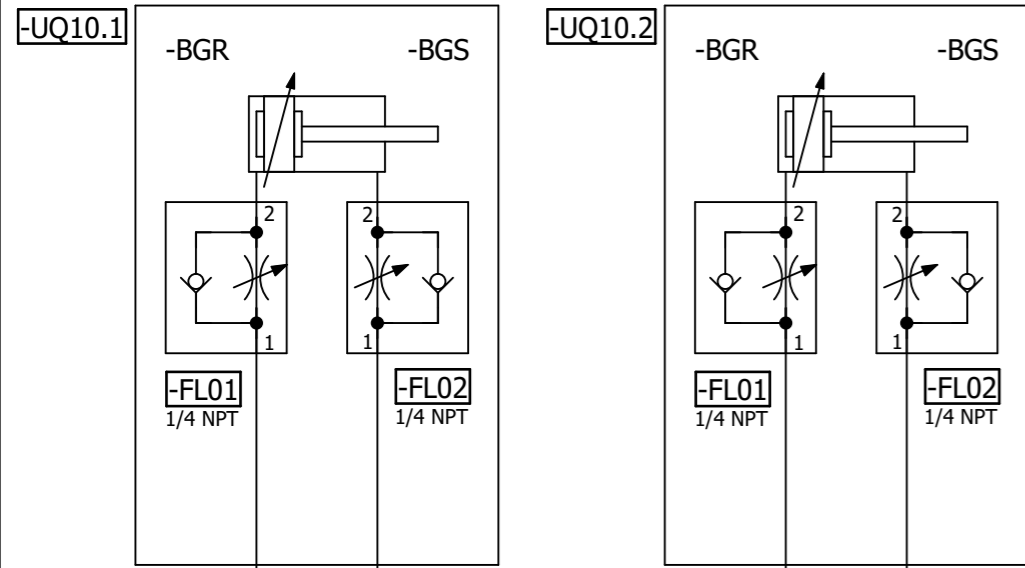
=V1UQ54
-UQ8-QN8.1
Clamps 8
(RST)

=V1UQ54
-UQ8-QN8.2
Clamps 8
(SET)

=V1UQ54UQ7/1

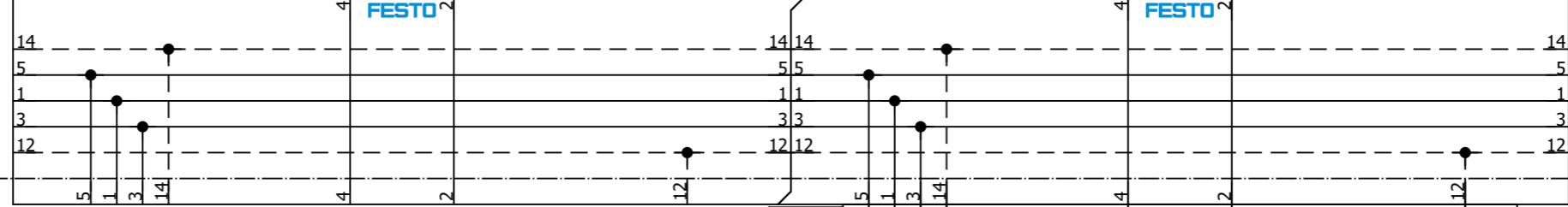
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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			Document type:		= 2V10&MFS-PNEU	
			Appr.		Replacement of		Project nr:		22-16150		
Modification	Date	Name	Original		Replaced by		Scale 1:1	MFS		Page	1
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=V1UQ54KF1

=V1UQ54KF1/11.6
-KF1.25



-QN10

FESTO

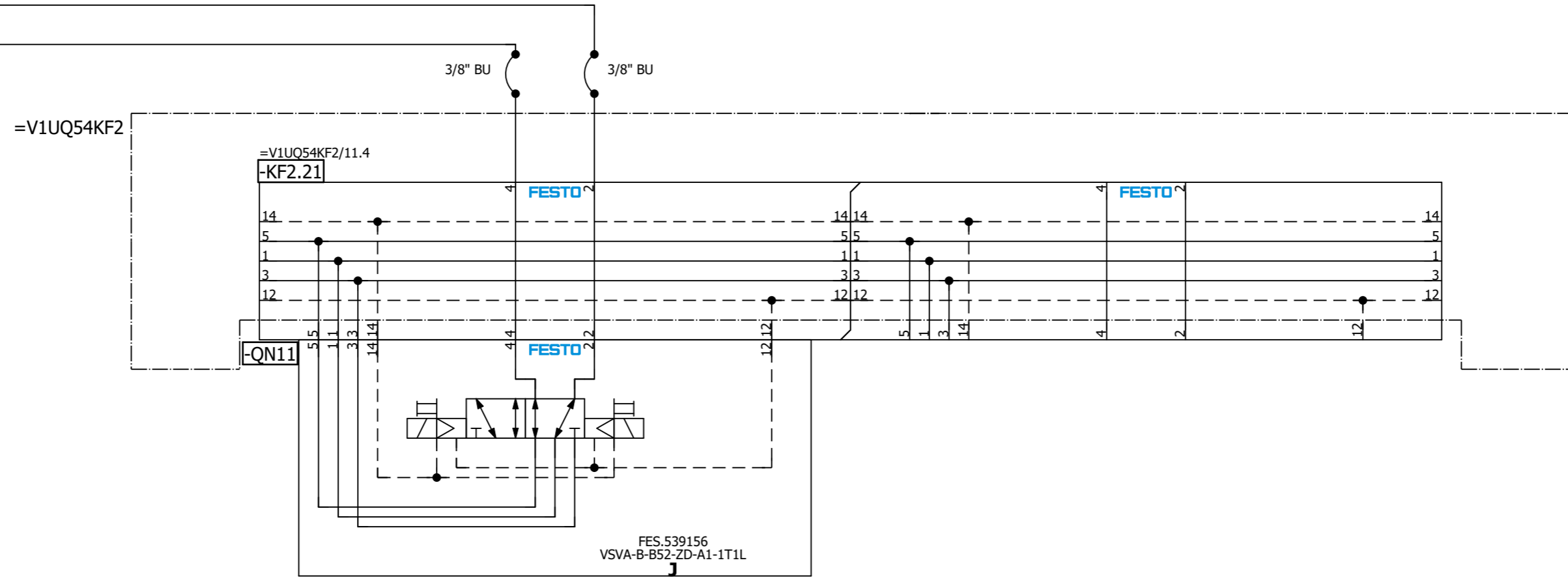
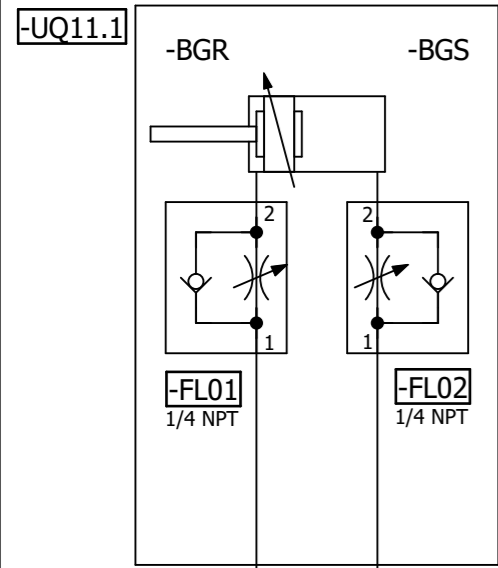
FES.539156
VSVA-B-B52-ZD-A1-1T1L

=V1UQ54
-UQ10-QN10.1
Clamps 10
(RST)

=V1UQ54
-UQ10-QN10.2
Clamps 10
(SET)

=V1UQ54UQ9/1

=V1UQ54UQ11/1



=V1UQ54
-UQ11-QN11.1
Shot Pin 11
(RST)

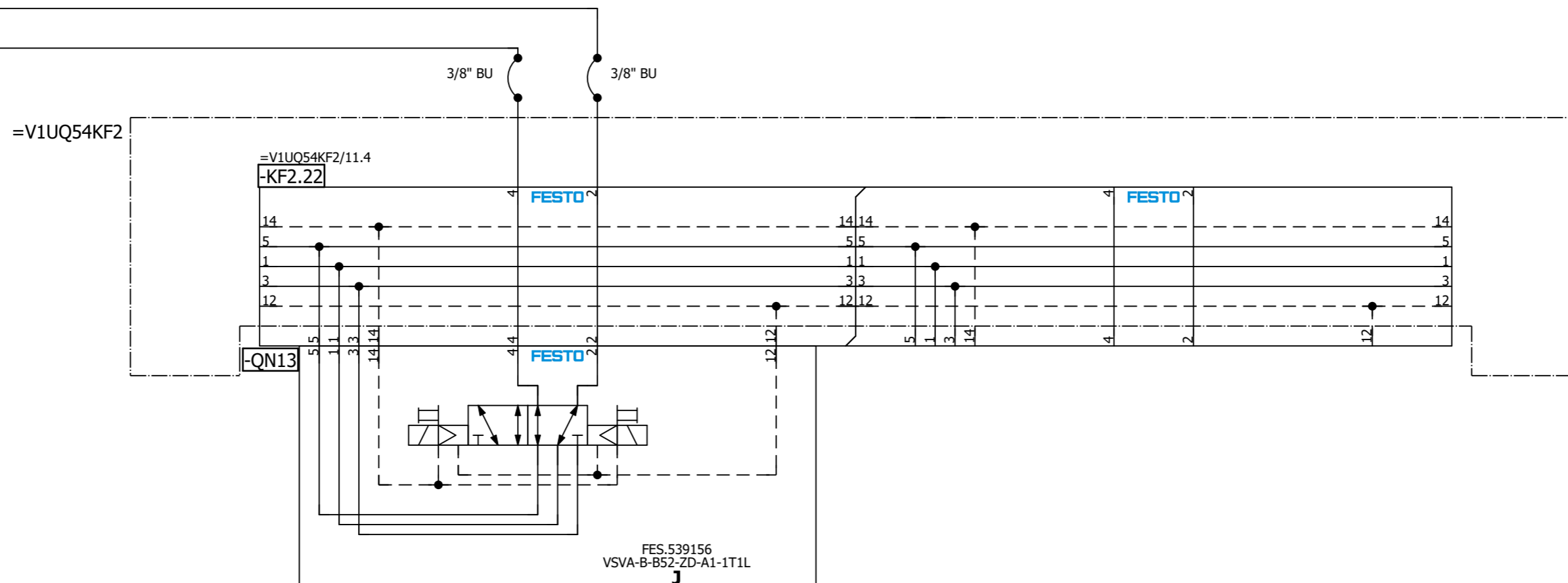
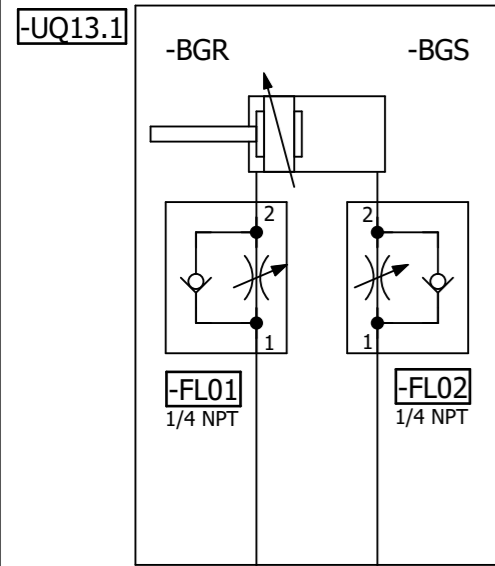
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-UQ11-QN11.2
Shot Pin 11
(SET)

=V1UQ54UQ10/1

=V1UQ54UQ12/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 11	Drawing name:		= V1UQ54UQ11
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ54
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1





=V1UQ54
-UQ13-QN13.1
Shot Pin 13
(RST)

=V1UQ54
-UQ13-QN13.2
Shot Pin 13
(SET)

=V1UQ54UQ12/1

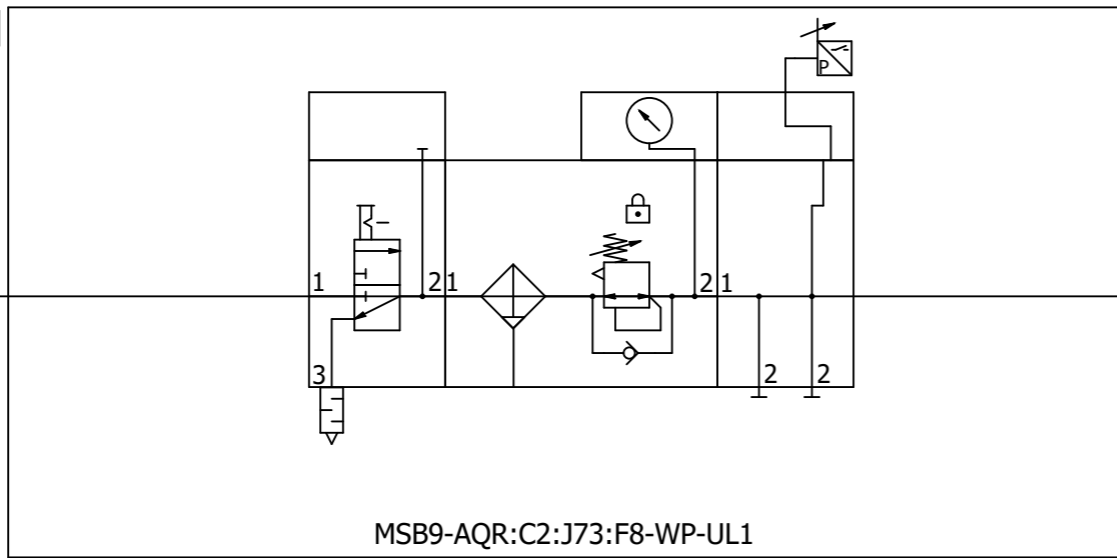
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Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 13	Drawing name:		= V1UQ54UQ13
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ54
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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									420



A2

=KH0+KH0/1.7 / +V1UQ55KH1-P1




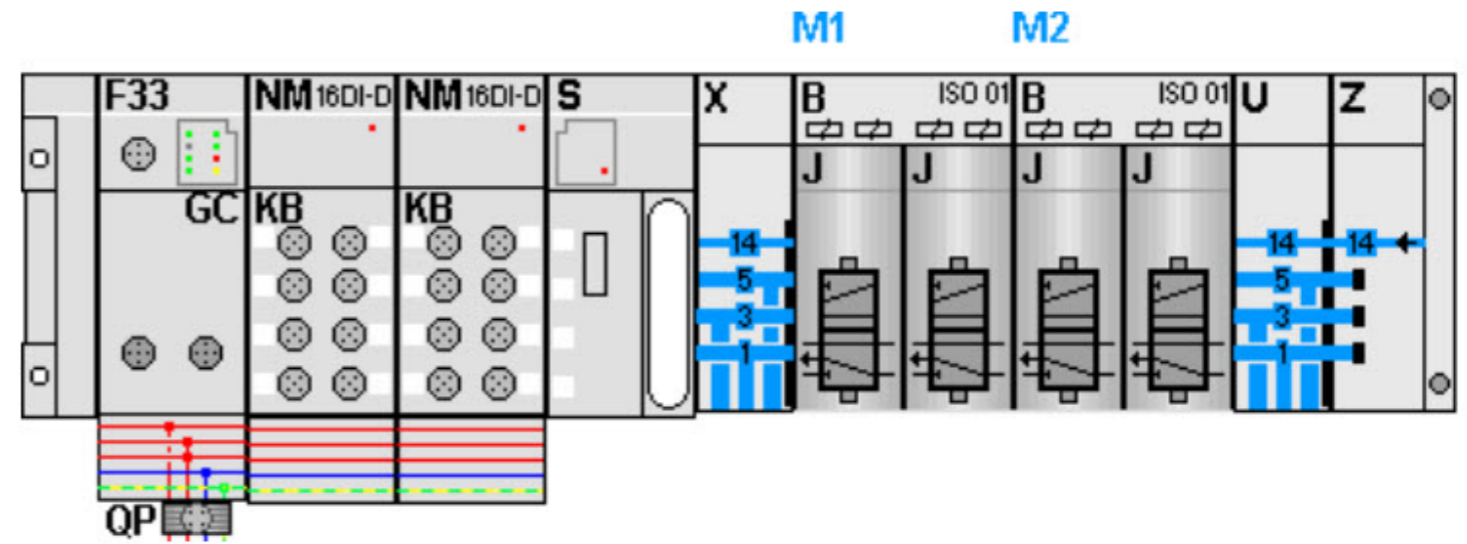
1/2"

+V1UQ55-P1 / =V1UQ55KF1+V1UQ55/11.0

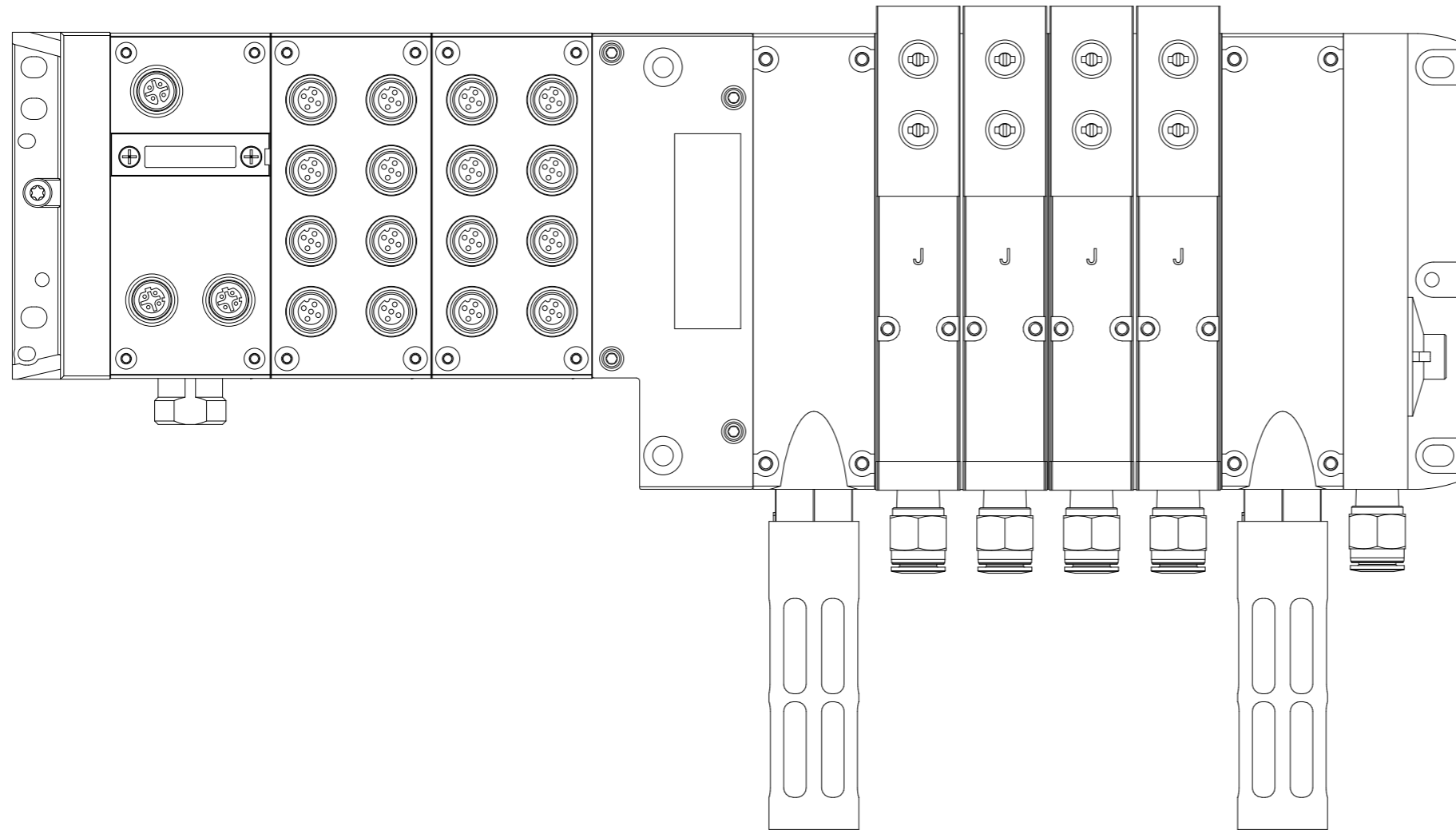
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=V1UQ55KF1+V1UQ55/5

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			Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10					=2V10&MFS-PNEU		+ KH1
			Appr		Replacement of		Replaced by	Scale 1:1	Document type:		Project nr:	Page
Modification	Date	Name	Original						MFS		22-16150	1
												420



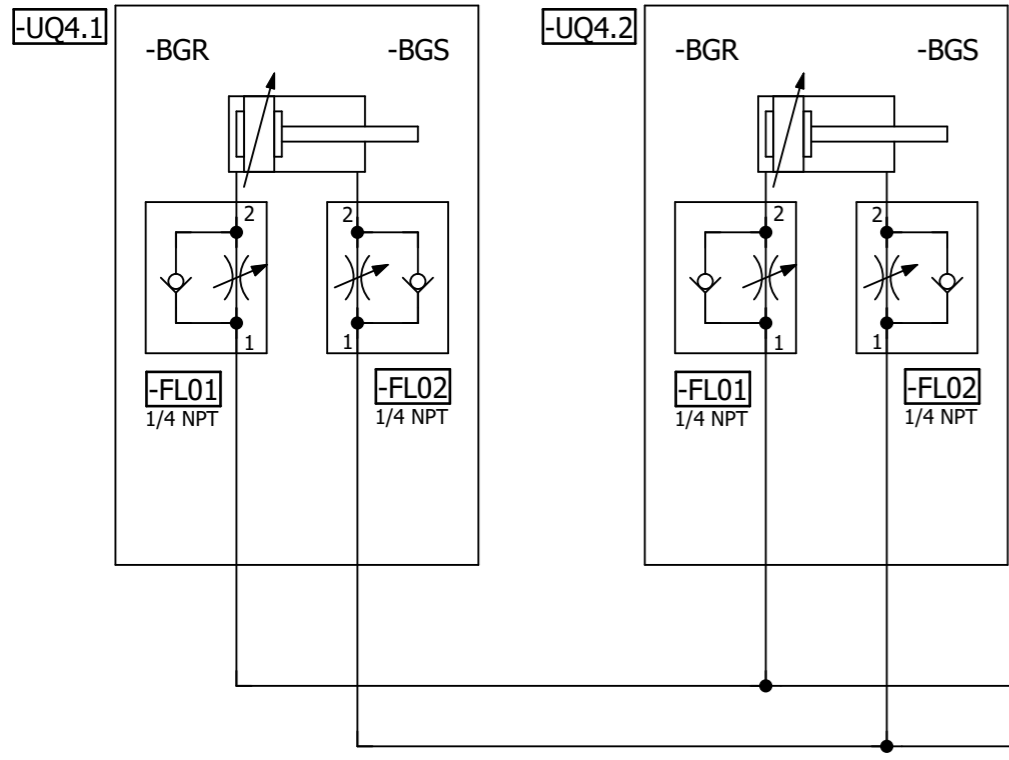
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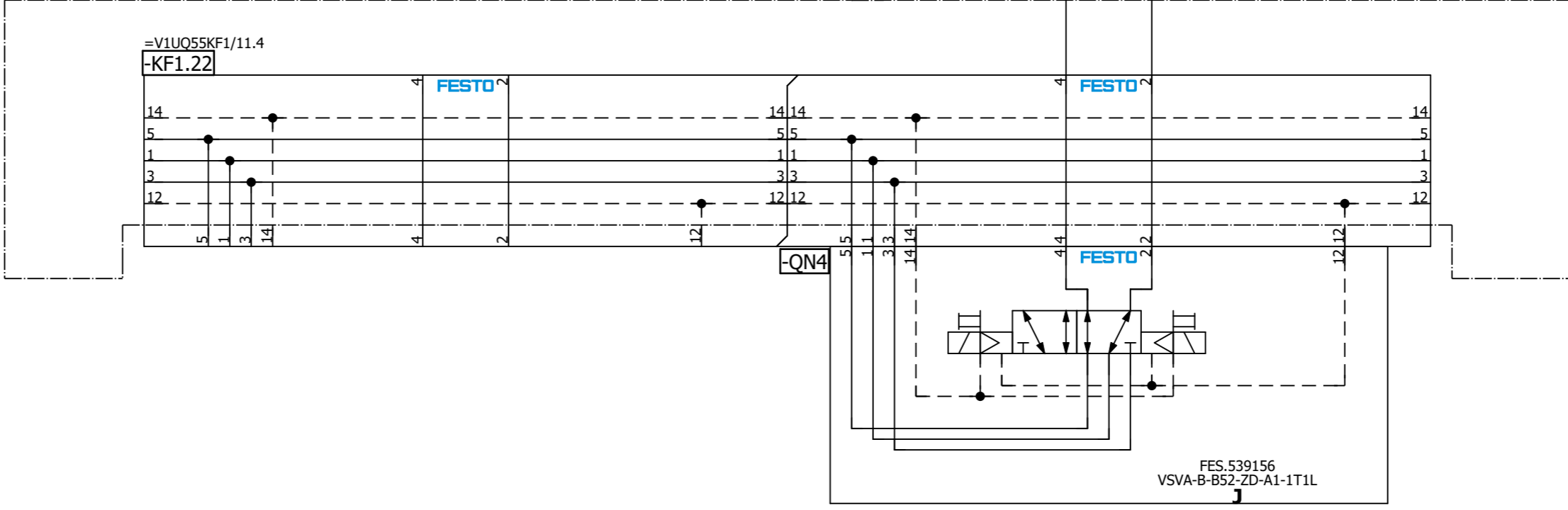
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Date		1/10/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name:		= V1UQ55KF1
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ55
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	5



=V1UQ55KF1



=V1UQ55
-UQ4-QN4.1
Clamps 4
(RST)

=V1UQ55
-UQ4-QN4.2
Clamps 4
(SET)

=V1UQ55UQ3/1

&MPB+KH0/1

Date		1/10/2023	Volvo Trucks North America		Valiant TMS	Clamps 4	Drawing name:		= V1UQ55UQ4
Ed.		MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10				=2V10&MFS-PNEU		+ V1UQ55
Appr.			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS		22-16150
Modification		Date	Name	Original					420

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1AR11UQ41KF1-KF1.0	1	Valve manifold	51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBHBHBH-10J	FES	FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBHBHBH-10J
=V1AR11UQ41KF1-KF1.21	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ41KF1-KF1.22	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ41KF1-KF1.23	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ41KF1-KF1.24	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ41KF1-KF1.25	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ41UQ1-QN1	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ41UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ1-UQ1.2-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ1-UQ1.2-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ1-UQ1.3-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ1-UQ1.3-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ1-UQ1.4-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ1-UQ1.4-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ2-QN2	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ41UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ2-UQ2.2-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ2-UQ2.2-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ2-UQ2.3-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ2-UQ2.3-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ3-QN3	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ41UQ3-UQ3.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ3-UQ3.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ3-UQ3.2-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ3-UQ3.2-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ4-QN4	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ41UQ4-UQ4.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ4-UQ4.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ4-UQ4.2-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ4-UQ4.2-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ4-UQ4.3-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ4-UQ4.3-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ5-QN5	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ41UQ5-UQ5.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ5-UQ5.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ5-UQ5.2-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ5-UQ5.2-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ5-UQ5.3-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ5-UQ5.3-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ6-QN6	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ41UQ6-UQ6.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ6-UQ6.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ7-QN7	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ41UQ7-UQ7.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ7-UQ7.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ8-QN8	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ41UQ8-UQ8.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ8-UQ8.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ9-QN9	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ41UQ9-UQ9.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ9-UQ9.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ9-UQ9.2-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ9-UQ9.2-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ10-QN10	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953

+KH1/1

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1	FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBHBHBH-10J - FES.537953	2V10&MFS-PNEU	+ V1AR11UQ41	
Appr						Document type:	Project nr:
Modification	Date	Name	Original	Replaced by	MPB	22-16150	1
							420

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1AR11UQ41UQ10-UQ10.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ10-UQ10.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ10-UQ10.2-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ10-UQ10.2-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658

+ .AR31KF1/1

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ51KF1-KF1.0	1	Valve manifold	51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10SA	FES	FES.51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10SA
=V1GL1UQ51KF1-KF1.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF1-KF1.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF1-KF1.23	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF1-KF1.24	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF1-KF1.25	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF2-KF2.0	1	Valve manifold	51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10SA	FES	FES.51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10SA
=V1GL1UQ51KF2-KF2.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF2-KF2.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF2-KF2.23	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF2-KF2.24	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF2-KF2.25	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF3-KF3.0	1	Valve manifold	51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-3BU-6SA	FES	FES.51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-3BU-6SA
=V1GL1UQ51KF3-KF3.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF3-KF3.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51KF3-KF3.23	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1GL1UQ51UQ1-QN1	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-5/16-U	FES	FES.534659
=V1GL1UQ51UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-5/16-U	FES	FES.534659
=V1GL1UQ51UQ1-UQ1.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ1-UQ1.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ1-UQ1.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ1-UQ1.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ2-QN2	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ3-QN3	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ3-UQ3.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ3-UQ3.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ3-UQ3.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ3-UQ3.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ4-QN4	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ4-UQ4.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ4-UQ4.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ4-UQ4.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ4-UQ4.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ5-QN5	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ5-UQ5.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ5-UQ5.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ6-QN6	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ6-UQ6.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ6-UQ6.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ7-QN7	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ7-UQ7.1-FL01	1	One-way flow control valve	GRLA-3/8-QB-3/8-U		FES.534666
=V1GL1UQ51UQ7-UQ7.1-FL02	1	One-way flow control valve	GRLA-3/8-QB-3/8-U		FES.534666
=V1GL1UQ51UQ8-QN8	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ8-UQ8.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ8-UQ8.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ8-UQ8.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ8-UQ8.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ8-UQ8.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ8-UQ8.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ9-QN9	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ9-UQ9.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ9-UQ9.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ10-QN10	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1	FES.51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10SA - FES.560727	F2V10&MFS-PNEU	+ V1GL1UQ51	
Appr						Document type:	Project nr:
Modification	Date	Name	Original	Replaced by	MPB	22-16150	1
							420


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ51UQ10-UQ10.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ10-UQ10.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-QN11	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ11-UQ11.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ11-UQ11.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ12-QN12	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ12-UQ12.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ12-UQ12.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ12-UQ12.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ12-UQ12.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ12-UQ12.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ12-UQ12.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ13-QN13	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ13-UQ13.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ13-UQ13.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ13-UQ13.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ13-UQ13.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ14-QN14	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ14-UQ14.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ14-UQ14.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ14-UQ14.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ14-UQ14.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ14-UQ14.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ14-UQ14.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ14-UQ14.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ14-UQ14.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ15-QN15	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ15-UQ15.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ15-UQ15.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ16-QN16	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ16-UQ16.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ16-UQ16.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ17-QN17	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ17-UQ17.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ17-UQ17.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ18-QN18	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ18-UQ18.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ18-UQ18.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ19-QN19	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ19-UQ19.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ19-UQ19.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ20-QN20	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ20-UQ20.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ20-UQ20.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ21-QN21	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ51UQ21-UQ21.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.534663 - FES.534663	Drawing name:	=		
Ed.	MKLEPADLO	 P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1		=2V10&MFS-PNEU	+ V1GL1UQ51		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	420


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ52UQ5-UQ5.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ5-UQ5.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ5-UQ5.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ6-QN6	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ6-UQ6.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ6-UQ6.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ7-QN7	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ7-UQ7.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ7-UQ7.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ8-QN25	1	Solenoid valve	VSVA-B-P53E-ZD-D2-1T1L	FES	FES.560823
=V1GL1UQ52UQ8-QN100	1	3/8" DUAL PO CHECK VALVE, IN-LINE W/MANUAL TRAPPED AIR RELIEF	2768D3904	ROSS CONTROLS	2768D3904
=V1GL1UQ52UQ8-UQ8.1-FL01	1	One-way flow control valve	GRLA-3/8-QB-3/8-U		FES.534666
=V1GL1UQ52UQ8-UQ8.1-FL02	1	One-way flow control valve	GRLA-3/8-QB-3/8-U		FES.534666
=V1GL1UQ52UQ9-QN8	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ9-UQ9.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ9-UQ9.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ9-UQ9.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ9-UQ9.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-QN9	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ10-UQ10.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ10-UQ10.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-QN10	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ11-UQ11.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-UQ11.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-UQ11.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-UQ11.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-UQ11.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-UQ11.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-UQ11.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-UQ11.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-UQ11.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ11-UQ11.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-QN11	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ12-UQ12.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ12-UQ12.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ13-QN12	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.534663 - FES.560727	Drawing name:	=		
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1	=2V10&MFS-PNEU	+ V1GL1UQ52		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	420

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ52UQ13-UQ13.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ13-UQ13.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ14-QN13	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ14-UQ14.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ14-UQ14.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ15-QN14	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ15-UQ15.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ15-UQ15.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ16-QN15	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ16-UQ16.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ16-UQ16.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ16-UQ16.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ16-UQ16.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ17-QN16	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ17-UQ17.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ17-UQ17.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ18-QN17	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ18-UQ18.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ18-UQ18.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ18-UQ18.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ18-UQ18.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ19-QN18	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ19-UQ19.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ19-UQ19.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ19-UQ19.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ19-UQ19.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ20-QN19	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ20-UQ20.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ20-UQ20.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ21-QN20	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ21-UQ21.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ21-UQ21.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ22-QN21	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ22-UQ22.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ22-UQ22.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ23-QN22	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ23-UQ23.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ23-UQ23.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ24-QN23	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ24-UQ24.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ24-UQ24.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ25-QN24	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ52UQ25-UQ25.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ25-UQ25.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ53UQ10-UQ10.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ10-UQ10.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-QN11	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ11-UQ11.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ11-UQ11.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ12-QN12	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ12-UQ12.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ12-UQ12.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ12-UQ12.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ12-UQ12.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ12-UQ12.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ12-UQ12.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ13-QN13	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ13-UQ13.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ13-UQ13.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ13-UQ13.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ13-UQ13.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ14-QN14	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ14-UQ14.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ14-UQ14.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ14-UQ14.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ14-UQ14.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ14-UQ14.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ14-UQ14.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ14-UQ14.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ14-UQ14.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ15-QN15	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ15-UQ15.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ15-UQ15.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ16-QN16	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ16-UQ16.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ16-UQ16.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ17-QN17	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ17-UQ17.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ17-UQ17.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ18-QN18	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ18-UQ18.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ18-UQ18.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ19-QN19	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ19-UQ19.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ19-UQ19.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ20-QN20	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ20-UQ20.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ20-UQ20.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ21-QN21	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ21-UQ21.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.534663 - FES.534663	Drawing name:	=		
Ed.	MKLEPADLO	 P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1		=2V10&MFS-PNEU	+ V1GL1UQ53		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	420


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ53UQ21-UQ21.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ22-QN22	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ22-UQ22.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ22-UQ22.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ23-QN23	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ23-UQ23.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ23-UQ23.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ24-QN24	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ24-UQ24.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ24-UQ24.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ25-QN25	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ25-UQ25.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ25-UQ25.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ26-QN26	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ53UQ26-UQ26.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ26-UQ26.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ26-UQ26.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ26-UQ26.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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Date	1/10/2023	Volvo Trucks North America	 Valiant TMS	Parts list : FES.534663 - FES.534663	Drawing name: =2V10&MFS-PNEU		= + V1GL1UQ53
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10			Scale 1:1	Document type: MPB	
Appr		Replacement of	Replaced by				
Modification	Date	Name	Original				


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ54UQ5-UQ5.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ5-UQ5.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ5-UQ5.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ6-QN6	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ6-UQ6.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ6-UQ6.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ7-QN7	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ7-UQ7.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ7-UQ7.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ8-QN25	1	Solenoid valve	VSVA-B-P53E-ZD-D2-1T1L	FES	FES.560823
=V1GL1UQ54UQ8-QN100	1	3/8" DUAL PO CHECK VALVE, IN-LINE W/MANUAL TRAPPED AIR RELIEF	2768D3904	ROSS CONTROLS	2768D3904
=V1GL1UQ54UQ8-UQ8.1-FL01	1	One-way flow control valve	GRLA-3/8-QB-3/8-U		FES.534666
=V1GL1UQ54UQ8-UQ8.1-FL02	1	One-way flow control valve	GRLA-3/8-QB-3/8-U		FES.534666
=V1GL1UQ54UQ9-QN8	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ9-UQ9.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ9-UQ9.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ9-UQ9.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ9-UQ9.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-QN9	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ10-UQ10.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ10-UQ10.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-QN10	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ11-UQ11.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-UQ11.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-UQ11.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-UQ11.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-UQ11.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-UQ11.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-UQ11.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-UQ11.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-UQ11.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ11-UQ11.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-QN11	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ12-UQ12.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ12-UQ12.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ13-QN12	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.534663 - FES.560727	Drawing name:	=		
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1	=2V10&MFS-PNEU	+ V1GL1UQ54		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	420

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ54UQ13-UQ13.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ13-UQ13.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ14-QN13	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ14-UQ14.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ14-UQ14.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ15-QN14	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ15-UQ15.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ15-UQ15.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ16-QN15	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ16-UQ16.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ16-UQ16.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ16-UQ16.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ16-UQ16.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ17-QN16	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ17-UQ17.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ17-UQ17.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ18-QN17	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ18-UQ18.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ18-UQ18.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ18-UQ18.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ18-UQ18.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ19-QN18	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ19-UQ19.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ19-UQ19.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ19-UQ19.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ19-UQ19.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ20-QN19	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ20-UQ20.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ20-UQ20.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ21-QN20	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ21-UQ21.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ21-UQ21.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ22-QN21	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ22-UQ22.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ22-UQ22.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ23-QN22	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ23-UQ23.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ23-UQ23.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ24-QN23	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ24-UQ24.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ24-UQ24.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ25-QN24	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL1UQ54UQ25-UQ25.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ25-UQ25.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.534663 - FES.534663	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10 Replacement of		Scale 1:1	=2V10&MFS-PNEU		+ V1GL1UQ54
Appr					Document type:	Project nr:	Page
Modification	Date	Name	Original		MPB	22-16150	420


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL2UQ51UQ7-UQ7.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ7-UQ7.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ7-UQ7.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ8-QN8	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ8-UQ8.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ8-UQ8.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ8-UQ8.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ8-UQ8.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ8-UQ8.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ8-UQ8.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ9-QN9	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ9-UQ9.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ9-UQ9.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ9-UQ9.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ9-UQ9.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ9-UQ9.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ9-UQ9.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-QN10	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ10-UQ10.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ10-UQ10.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ11-QN11	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ11-UQ11.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ11-UQ11.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ12-QN12	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ12-UQ12.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ12-UQ12.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ13-QN13	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ13-UQ13.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ13-UQ13.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ14-QN14	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ14-UQ14.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ14-UQ14.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ15-QN15	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ15-UQ15.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ15-UQ15.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ16-QN16	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ16-UQ16.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ16-UQ16.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ17-QN17	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ17-UQ17.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ17-UQ17.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ17-UQ17.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ17-UQ17.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ17-UQ17.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ17-UQ17.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ17-UQ17.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.534663 - FES.534663	Drawing name:	=		
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1	=2V10&MFS-PNEU	+ V1GL2UQ51		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	420


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL2UQ51UQ17-UQ17.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ18-QN18	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ18-UQ18.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ18-UQ18.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ18-UQ18.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ18-UQ18.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ19-QN19	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ19-UQ19.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ19-UQ19.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ19-UQ19.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ19-UQ19.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ20-QN20	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ20-UQ20.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ20-UQ20.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ21-QN21	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ21-UQ21.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ21-UQ21.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ22-QN22	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ22-UQ22.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ22-UQ22.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ22-UQ22.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ22-UQ22.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ22-UQ22.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ22-UQ22.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ23-QN23	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ23-UQ23.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ23-UQ23.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ24-QN24	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ24-UQ24.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ24-UQ24.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ25-QN25	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ25-UQ25.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ25-UQ25.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ26-QN26	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ26-UQ26.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ26-UQ26.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ27-QN27	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ27-UQ27.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ27-UQ27.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ28-QN28	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ28-UQ28.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ28-UQ28.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ29-QN29	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ29-UQ29.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ29-UQ29.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ30-QN30	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ30-UQ30.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ30-UQ30.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ31-QN31	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ31-UQ31.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ31-UQ31.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ32-QN32	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ32-UQ32.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ32-UQ32.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ33-QN33	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=V1GL2UQ51UQ33-UQ33.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.534663 - FES.534663	Drawing name:	=		
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10		Scale 1:1	=2V10&MFS-PNEU	+ V1GL2UQ51		
Appr					Document type:	Project nr:	Page	3
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	420

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1UQ51KF1-KF1.0	1	Valve Manifold	51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10J	FES	FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10J
=V1UQ51KF1-KF1.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ51KF1-KF1.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ51KF1-KF1.23	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ51KF1-KF1.24	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ51KF1-KF1.25	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ51UQ1-QN1	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ2-QN2	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ3-QN3	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ3-UQ3.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ3-UQ3.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ4-QN4	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ4-UQ4.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ4-UQ4.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ4-UQ4.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ4-UQ4.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ5-QN5	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ5-UQ5.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ5-UQ5.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ5-UQ5.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ5-UQ5.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ6-QN6	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ6-UQ6.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ6-UQ6.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-QN7	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ7-UQ7.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-UQ7.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-UQ7.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-UQ7.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-UQ7.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-UQ7.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-UQ7.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-UQ7.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-UQ7.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ7-UQ7.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ8-QN8	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ8-UQ8.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ8-UQ8.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ9-QN9	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ9-UQ9.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ9-UQ9.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ9-UQ9.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ9-UQ9.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ10-QN10	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ51UQ10-UQ10.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ10-UQ10.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ10-UQ10.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ51UQ10-UQ10.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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+ .UQ52/1

Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1	FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10J - FES.534663	F-2V10&MFS-PNEU	+ V1UQ51	
Appr						Document type:	Project nr:
Modification	Date	Name	Original	Replaced by	MPB	22-16150	1
							420


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1UQ52UQ8-UQ8.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ8-UQ8.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ8-UQ8.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ9-QN9	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ9-UQ9.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ9-UQ9.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-QN10	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ10-UQ10.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ10-UQ10.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ11-QN11	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ11-UQ11.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ11-UQ11.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ11-UQ11.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ11-UQ11.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ11-UQ11.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ11-UQ11.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ12-QN12	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ12-UQ12.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ12-UQ12.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ12-UQ12.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ12-UQ12.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ13-QN13	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ13-UQ13.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ13-UQ13.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ14-QN14	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ14-UQ14.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ14-UQ14.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ14-UQ14.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ14-UQ14.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ14-UQ14.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ14-UQ14.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ15-QN15	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ15-UQ15.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ15-UQ15.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ16-QN16	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ16-UQ16.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ16-UQ16.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ17-QN17	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ17-UQ17.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ17-UQ17.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ18-QN18	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ18-UQ18.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ18-UQ18.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ19-QN19	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ19-UQ19.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ19-UQ19.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.534663 - FES.534663	Drawing name:	=		
Ed.	MKLEPADLO	 P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1		=2V10&MFS-PNEU	+ V1UQ52		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	420


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1UQ52UQ20-QN20	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ20-UQ20.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ20-UQ20.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ21-QN21	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ21-UQ21.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ21-UQ21.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ22-QN22	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ22-UQ22.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ22-UQ22.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ23-QN23	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ23-UQ23.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ23-UQ23.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ24-QN24	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ24-UQ24.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ24-UQ24.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ25-QN25	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ25-UQ25.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ25-UQ25.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ26-QN26	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ26-UQ26.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ26-UQ26.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ27-QN27	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ27-UQ27.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ27-UQ27.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ28-QN28	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ28-UQ28.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ28-UQ28.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ29-QN29	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ29-UQ29.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ29-UQ29.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ30-QN30	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ30-UQ30.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ30-UQ30.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ31-QN31	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ31-UQ31.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ31-UQ31.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ32-QN32	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ32-UQ32.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ32-UQ32.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ33-QN33	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ33-UQ33.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ33-UQ33.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ34-QN34	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ34-UQ34.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ34-UQ34.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ35-QN35	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ35-UQ35.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ35-UQ35.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ36-QN36	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ36-UQ36.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ36-UQ36.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ37-QN37	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ37-UQ37.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ37-UQ37.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ38-QN38	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ38-UQ38.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.539156 - FES.534663	Drawing name:	=		
Ed.	MKLEPADLO	 P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1		=2V10&MFS-PNEU	+ V1UQ52		
Appr					Document type:	Project nr:	Page	3
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	420

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1UQ53KF1-KF1.0	1	Valve Manifold	51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10J	FES	FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10J
=V1UQ53KF1-KF1.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ53KF1-KF1.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ53KF1-KF1.23	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ53KF1-KF1.24	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ53KF1-KF1.25	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ53KF2-KF2.0	1	Valve Manifold	51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-4BU-7JL	FES	FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-4BU-7JL
=V1UQ53KF2-KF2.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ53KF2-KF2.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ53KF2-KF2.23	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ53KF2-KF2.24	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ53UQ1-QN1	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ53UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ2-QN2	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ53UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-QN3	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ53UQ3-UQ3.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-UQ3.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-UQ3.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-UQ3.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-UQ3.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-UQ3.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-UQ3.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-UQ3.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-UQ3.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ3-UQ3.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ4-QN4	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ53UQ4-UQ4.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ4-UQ4.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ4-UQ4.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ4-UQ4.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ4-UQ4.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ4-UQ4.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ5-QN5	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ53UQ5-UQ5.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ5-UQ5.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ5-UQ5.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ5-UQ5.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ5-UQ5.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ5-UQ5.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ6-QN6	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ53UQ6-UQ6.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ6-UQ6.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ7-QN7	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ53UQ7-UQ7.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ7-UQ7.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ8-QN8	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ53UQ8-UQ8.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ8-UQ8.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ8-UQ8.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ8-UQ8.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ9-QN9	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ53UQ9-UQ9.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ53UQ9-UQ9.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Bodyside RH - Robot Cell 2V10	Scale 1:1	FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10J - FES.534663	F-2V10&MFS-PNEU	+ V1UQ53	
Appr						Document type:	Project nr:
Modification	Date	Name	Original	Replaced by	MPB	22-16150	1
							420


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1UQ55KF1-KF1.0	1	Valve Manifold	51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BBU-4J	FES	FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BBU-4J
=V1UQ55KF1-KF1.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ55KF1-KF1.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ55UQ1-QN1	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ55UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ55UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ55UQ2-QN2	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ55UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ55UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ55UQ3-QN3	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ55UQ3-UQ3.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ55UQ3-UQ3.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ55UQ4-QN4	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ55UQ4-UQ4.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ55UQ4-UQ4.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ55UQ4-UQ4.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ55UQ4-UQ4.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

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Date			1/10/2023		Volvo Trucks North America			Valiant TMS		Parts list :		Drawing name:		=
Ed.			MKLEPADLO		P6700 Bodyside RH - Robot Cell 2V10			Scale 1:1		FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BBU-4J - FES.534663		=2V10&MFS-PNEU		+ V1UQ55
Modification		Date	Name	Original	Replacement of	Replaced by	Document type:		Project nr:		Page		1	
							MPB		22-16150		420			

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MODIFIED DRAWINGS NOT REVISED IN THE ORIGINAL

DRAWINGS FOR REVISION

REPLACE AFTER REV. BY ORIGINAL

DATE

SIGN.

DRAWING NR:

SHEET NR:

DATE

SIGN.

REV. AV

DATE

SIGN.

REV.

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2

Date	1/10/2023
Ed.	MKLEPADLO
Appr.	
Original	

Volvo Trucks North America



Valiant TMS

Amendment page

Drawing name:	=2V10&MFS-PNEU
Document type:	MAZ

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Project nr:	22-16150
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Page	420

Modification	Date	Name
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Date	Name
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Replacement of	Replaced by
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Scale 1:10

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