

Valiant TMS



Company / customer Volvo Trucks NA
 Project description P6700 Bodyside LH - Robot Cell 2V09
 drawing number 22-16150
 Commission Volvo Trucks North America



Manufacturer (company) Valiant TMS
 Project name =2V09&MFS-PNEU
 Type P6700 Bodyside LH - Robot Cell 2V09

Created on 1/24/2018
 Edit date 1/10/2023 by (short name) MKLEPADLO
 Number of pages 404

Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Title page / cover sheet	Drawing name:	=		
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Appr						Document type:	Project nr:	Page	1
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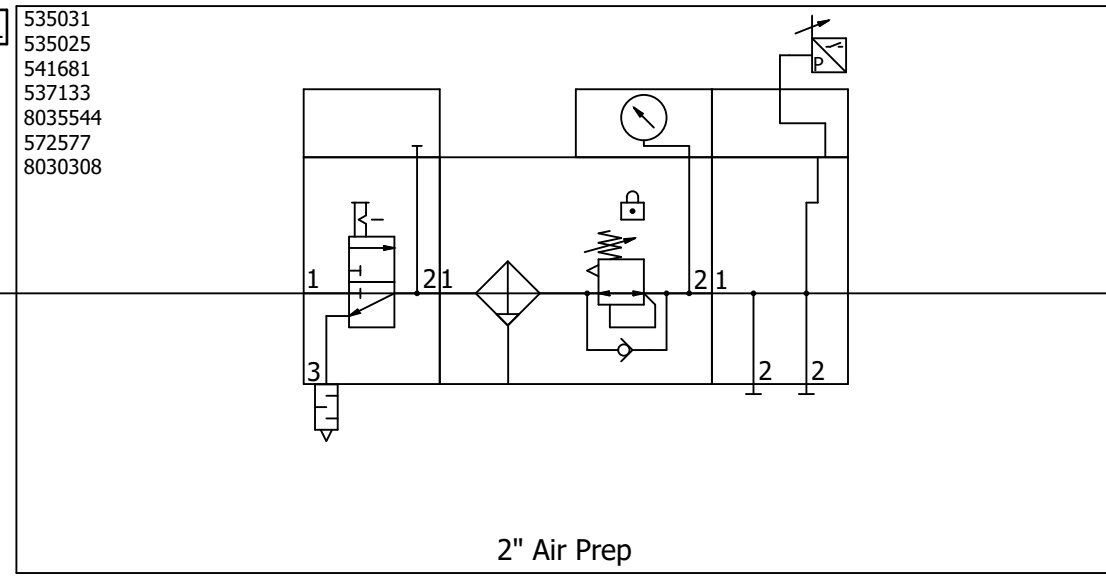
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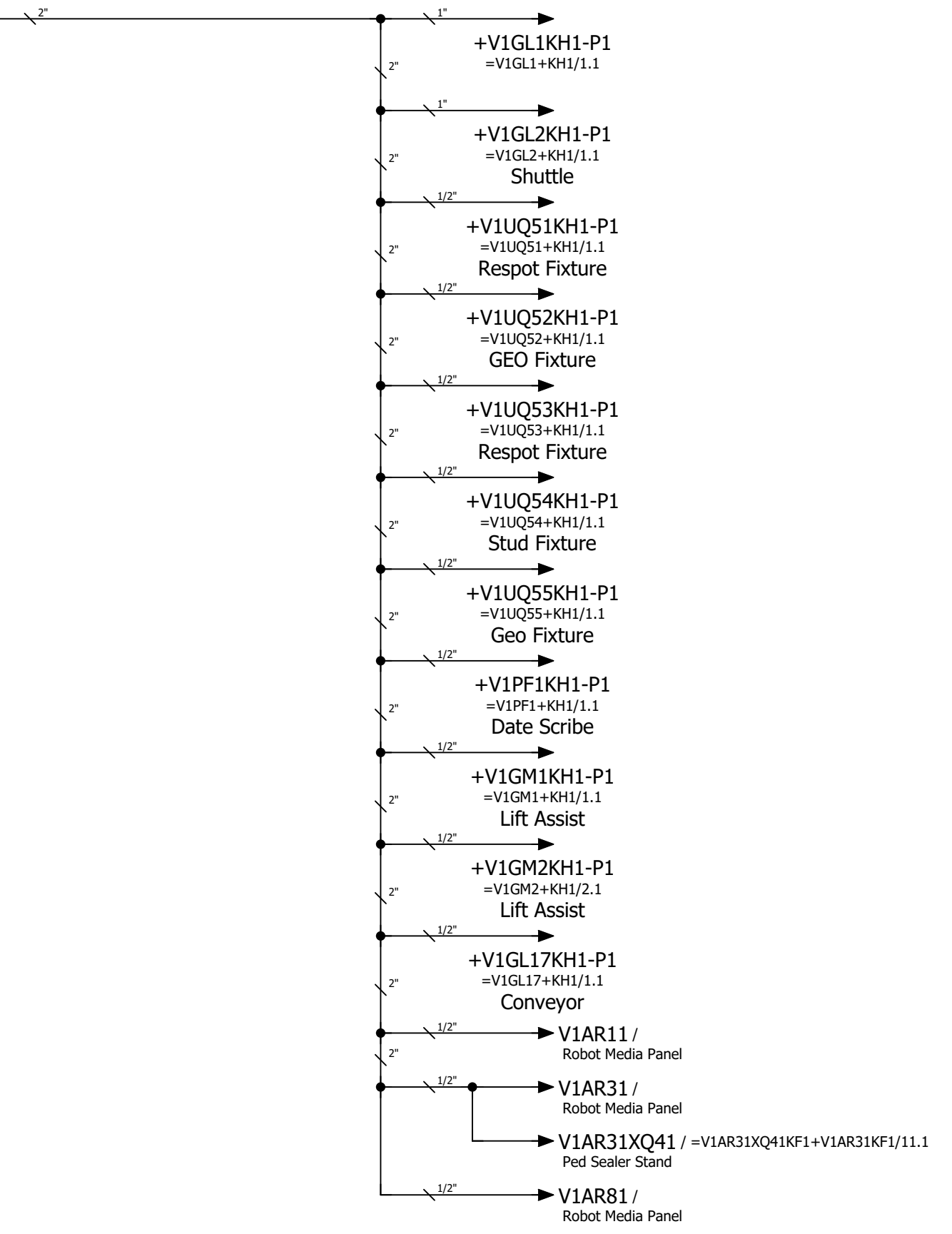
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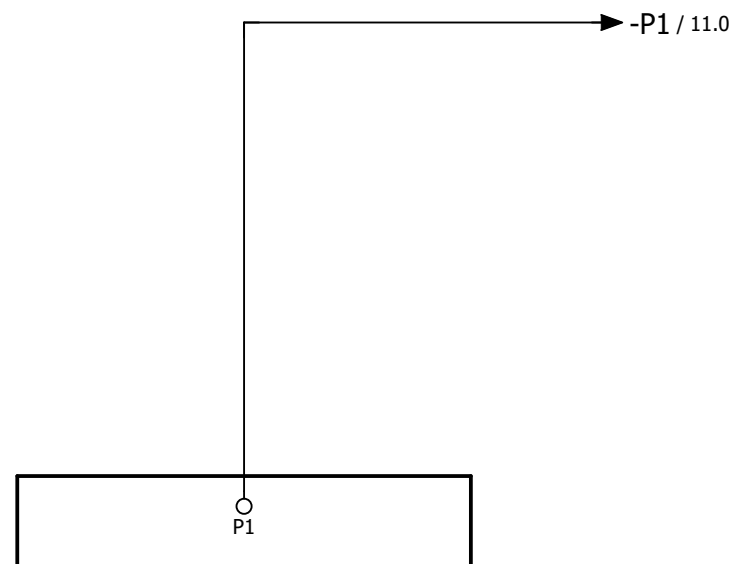


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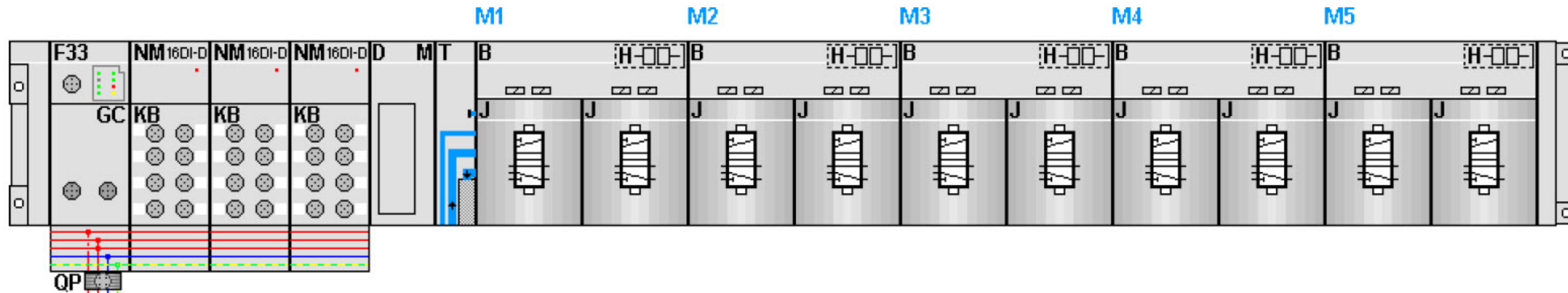
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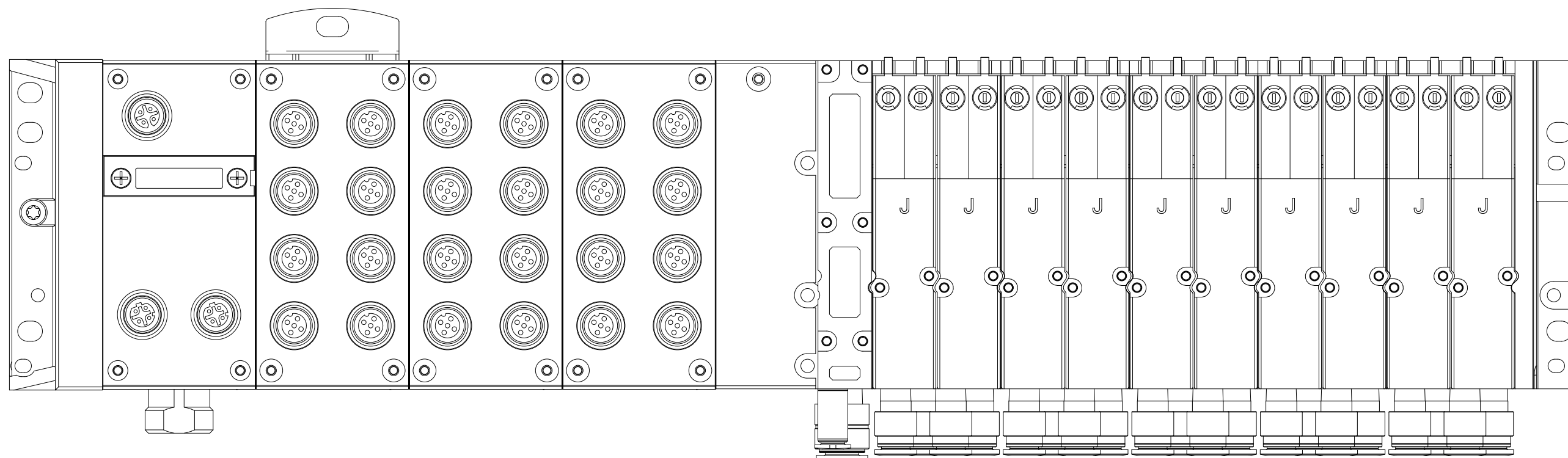


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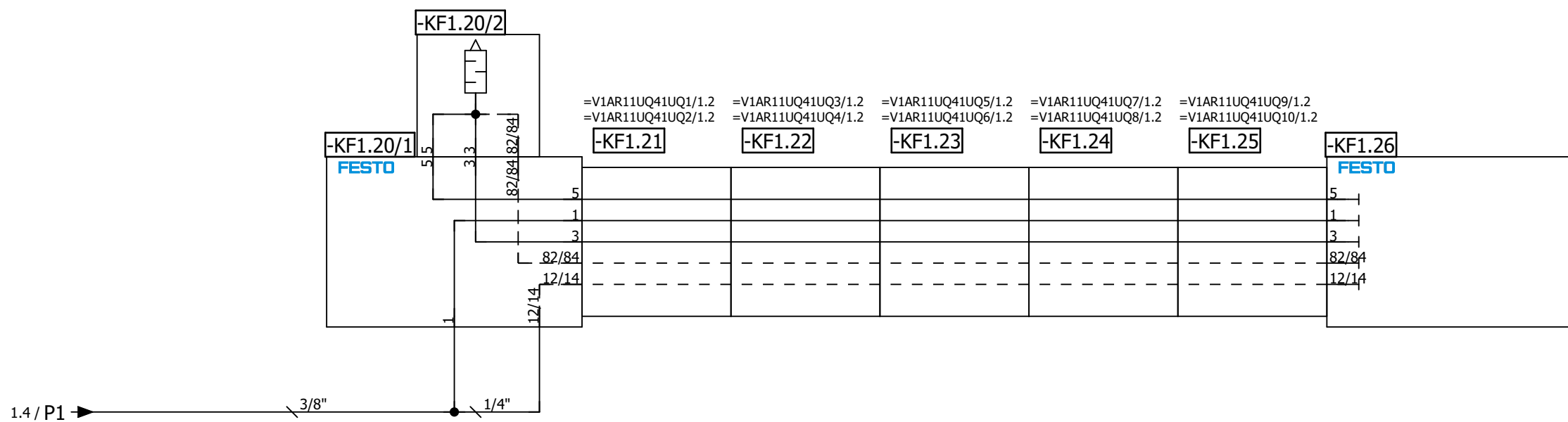
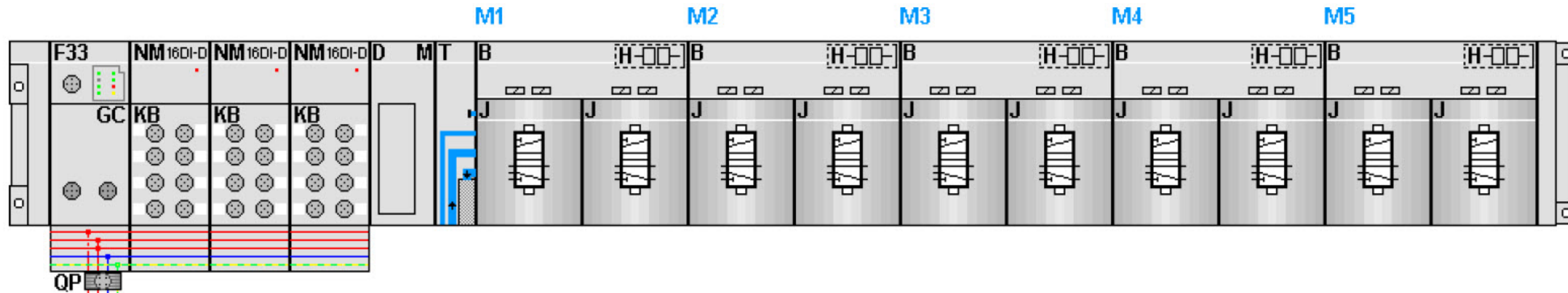
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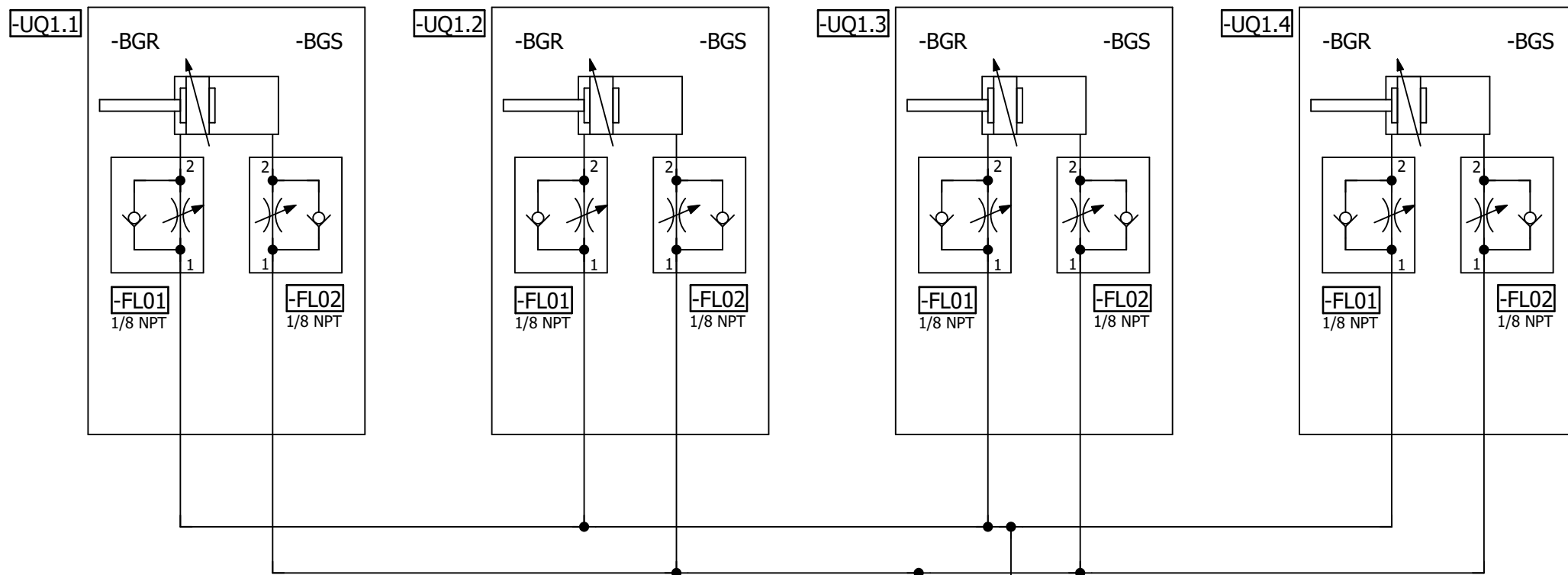
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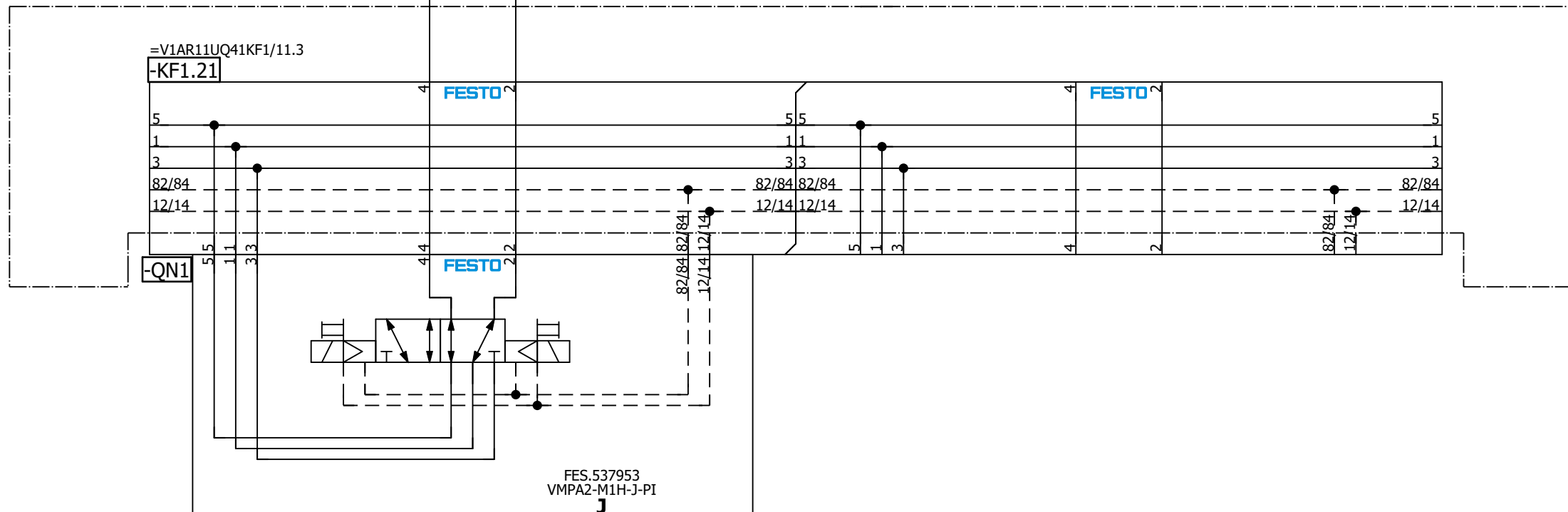
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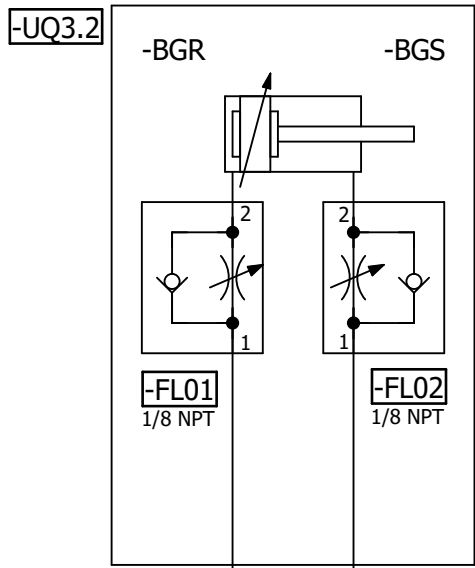
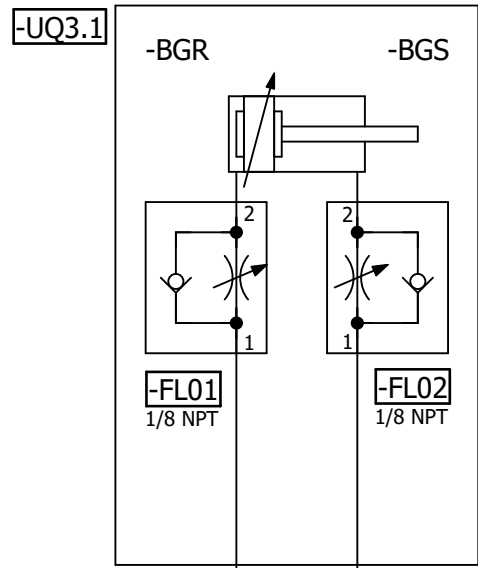
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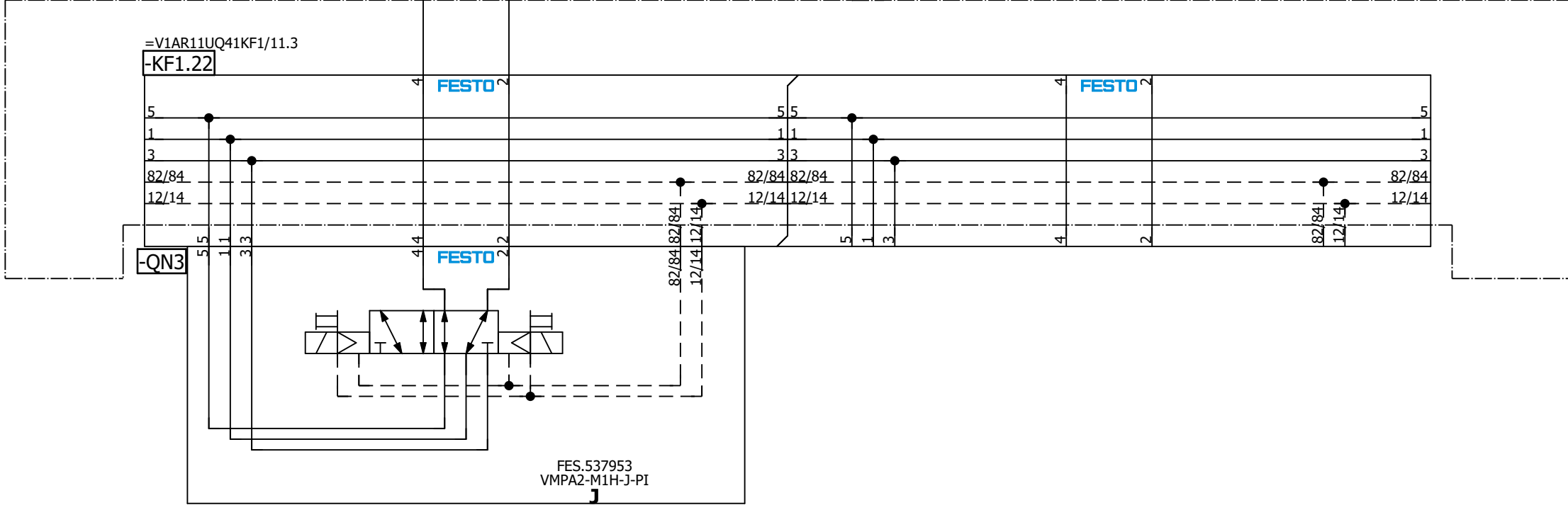
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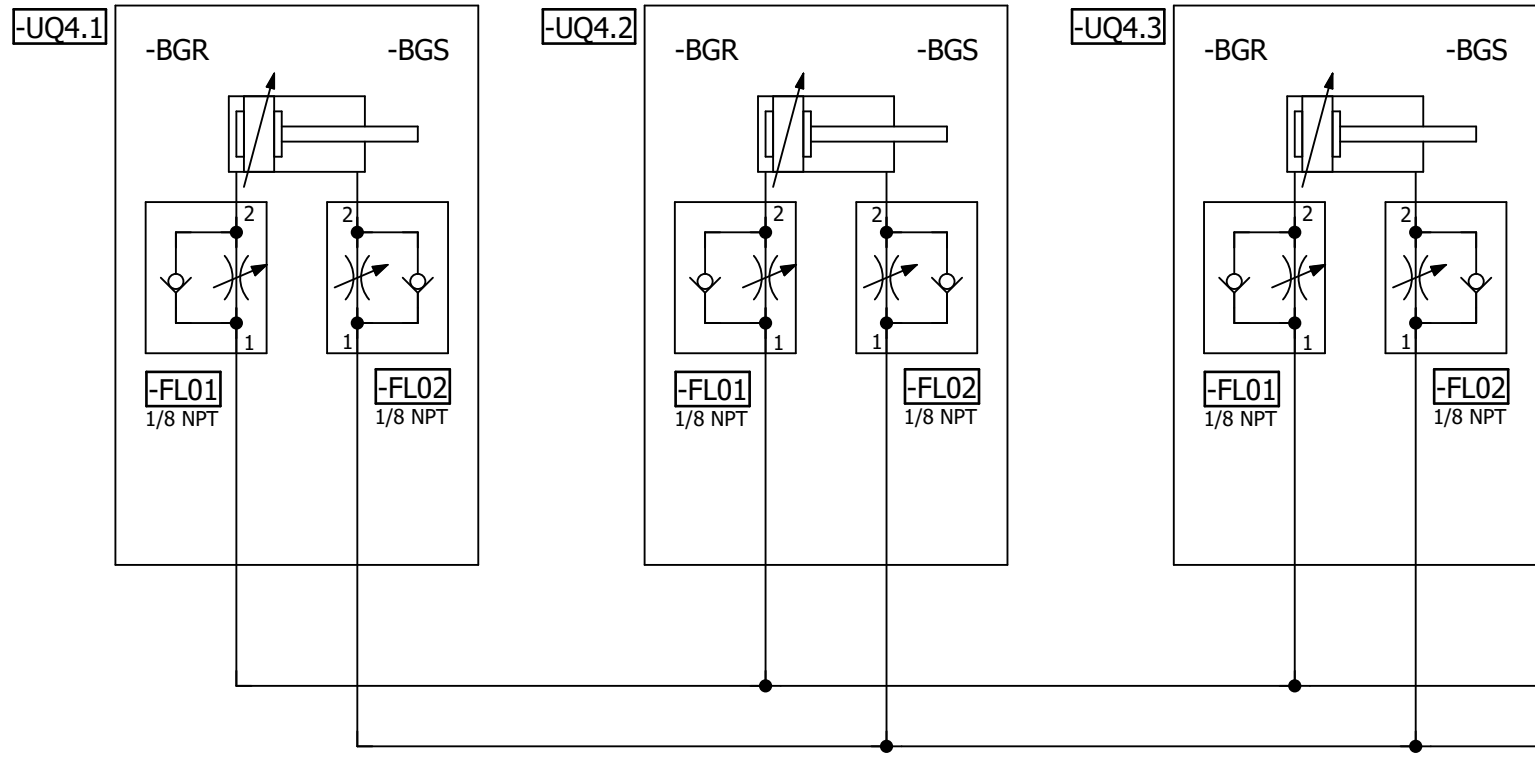
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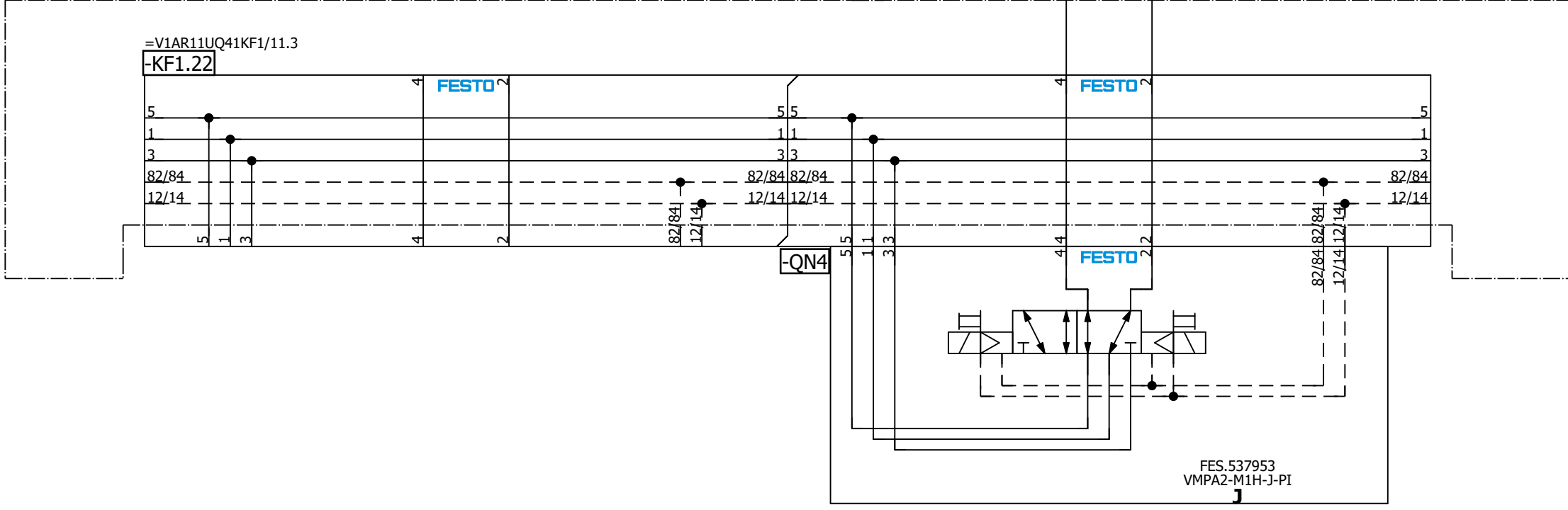
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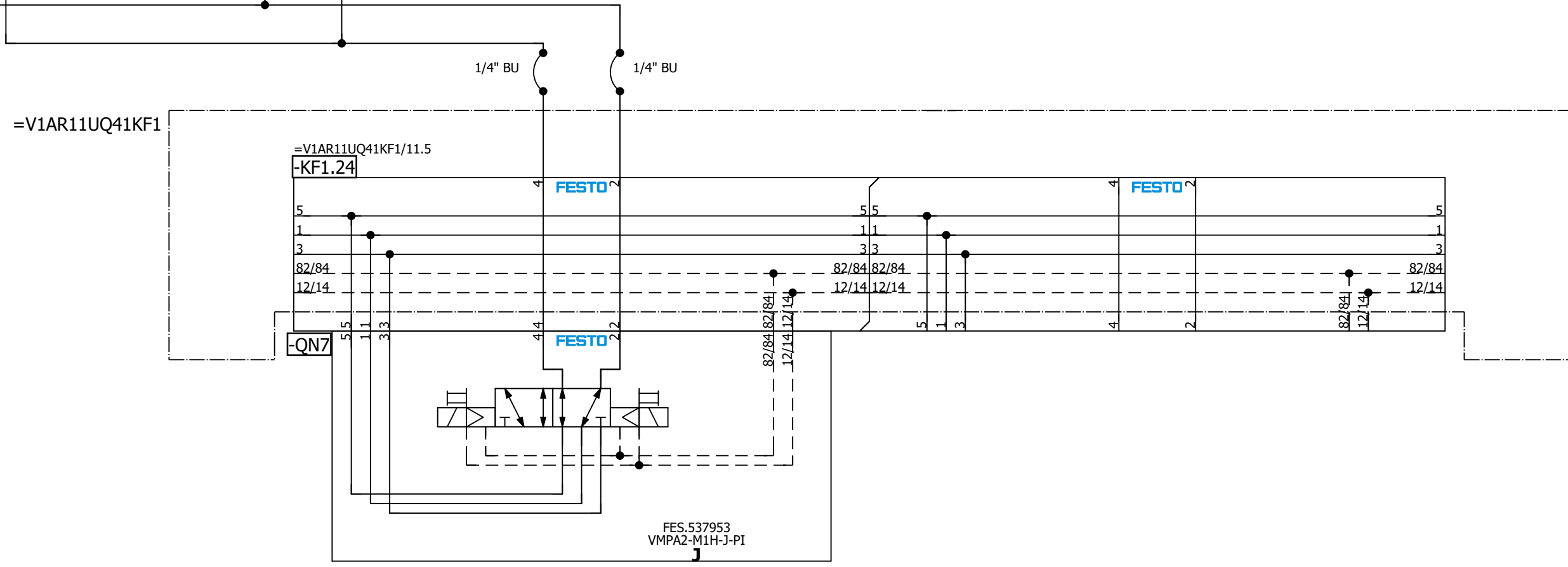
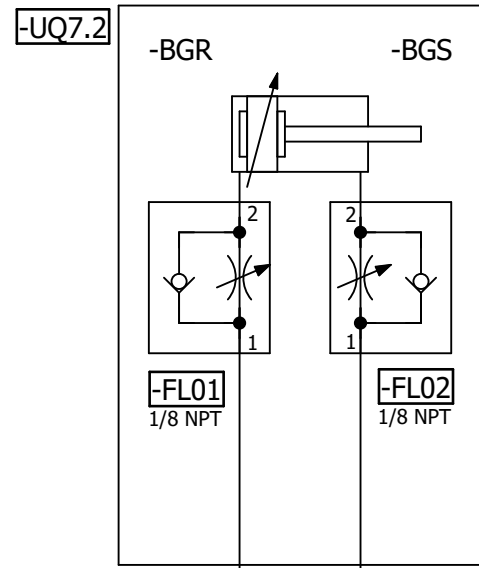
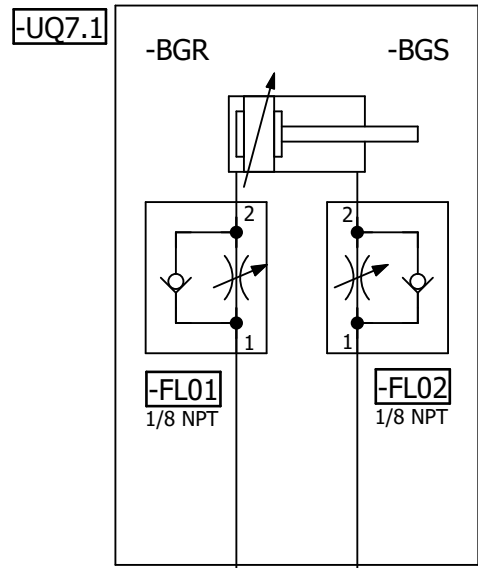
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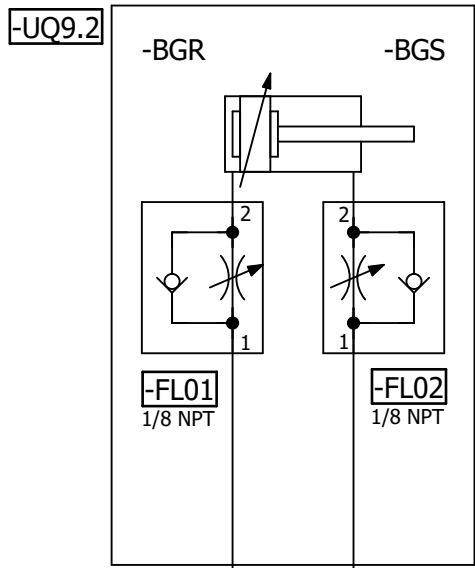
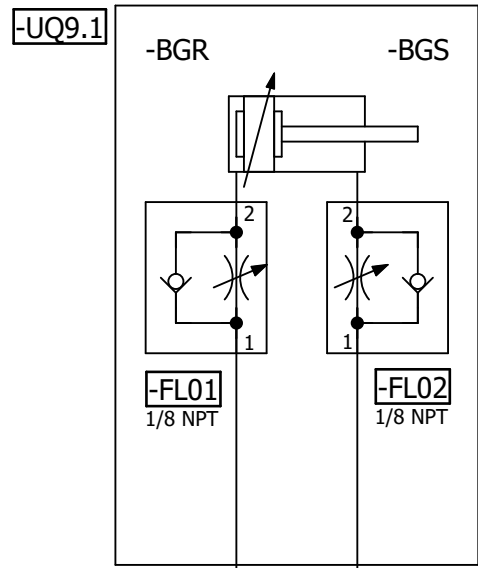
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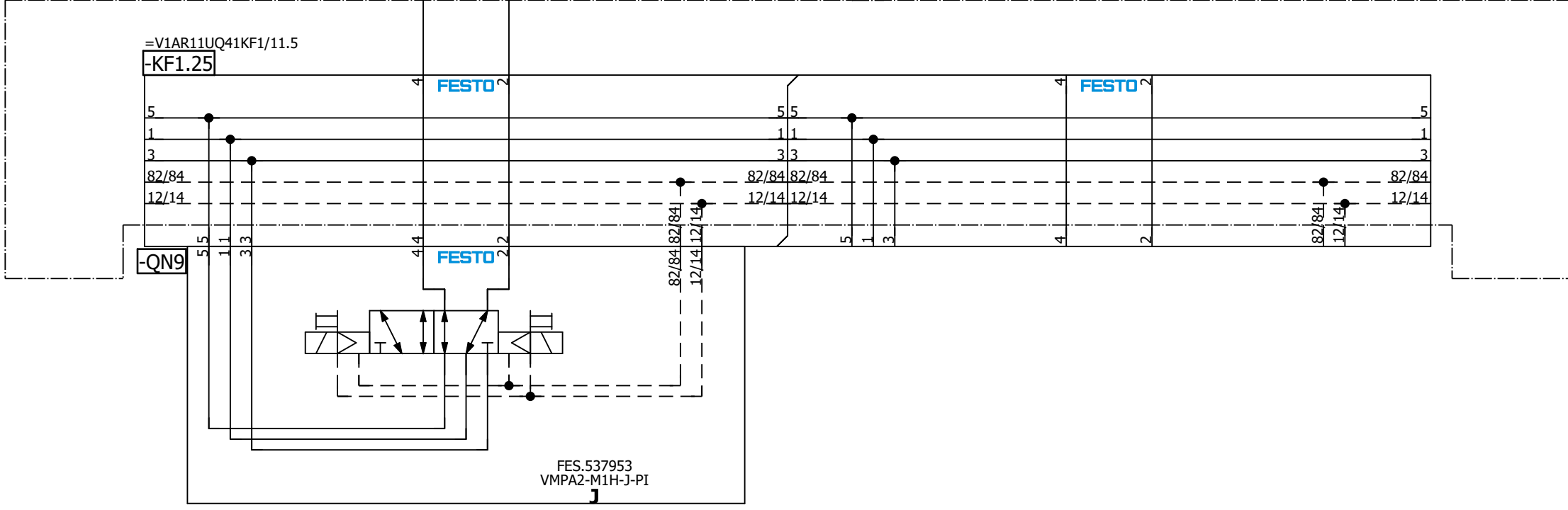
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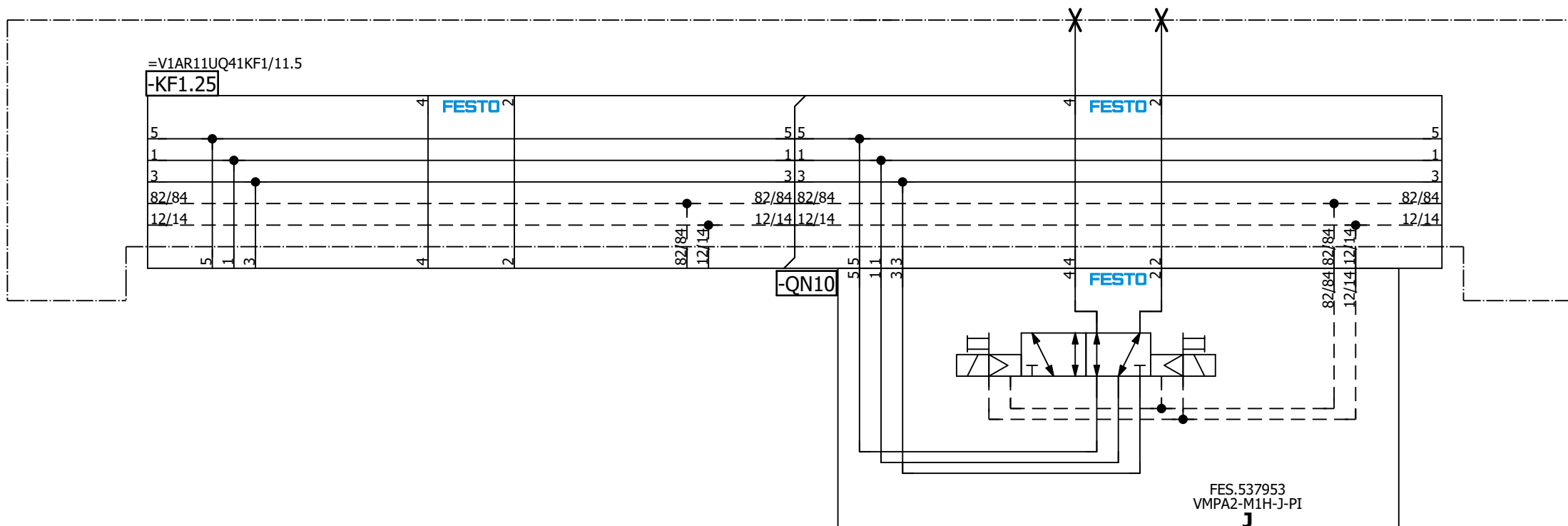
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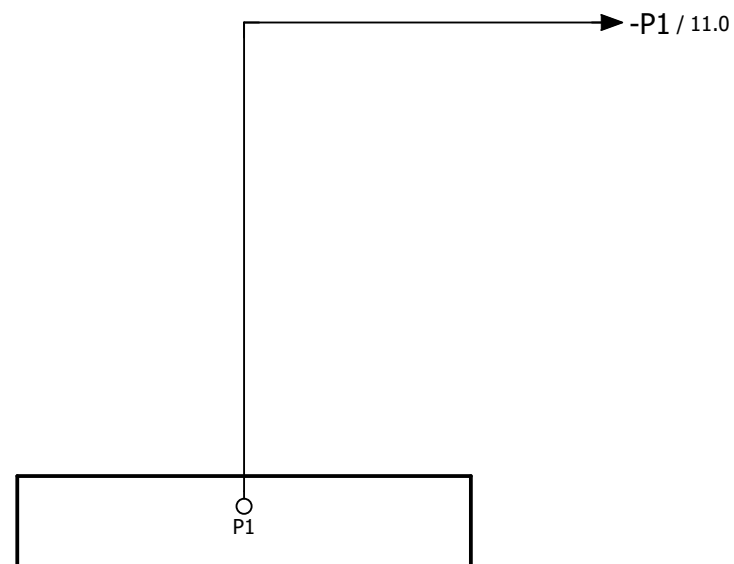
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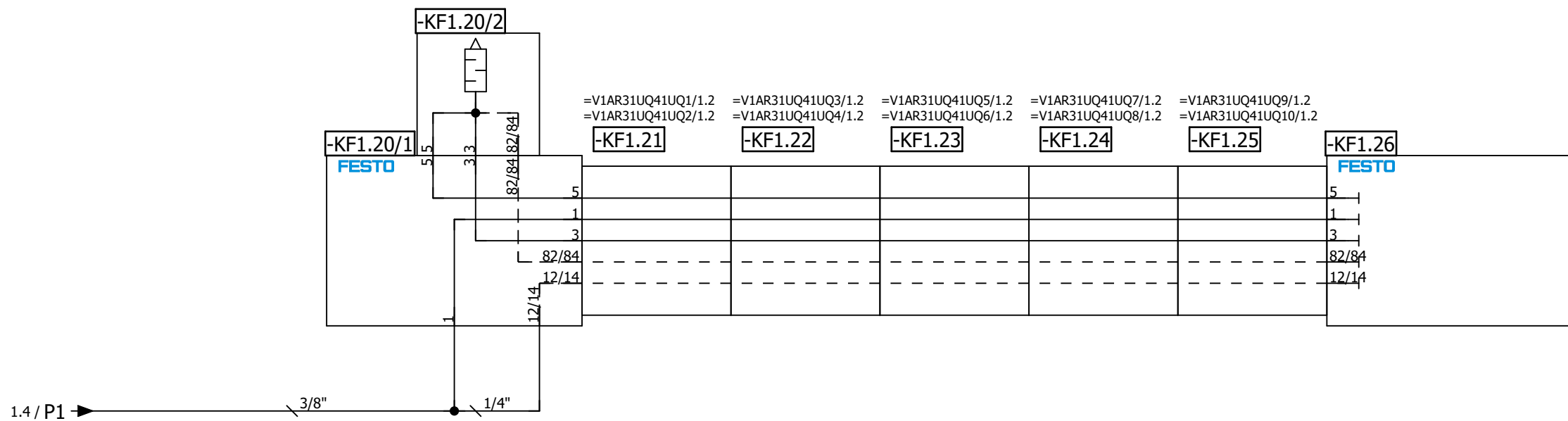
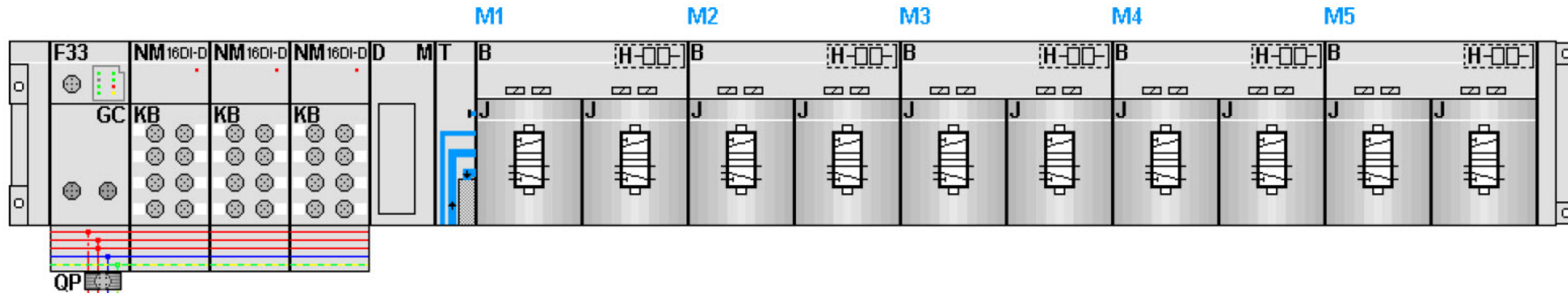
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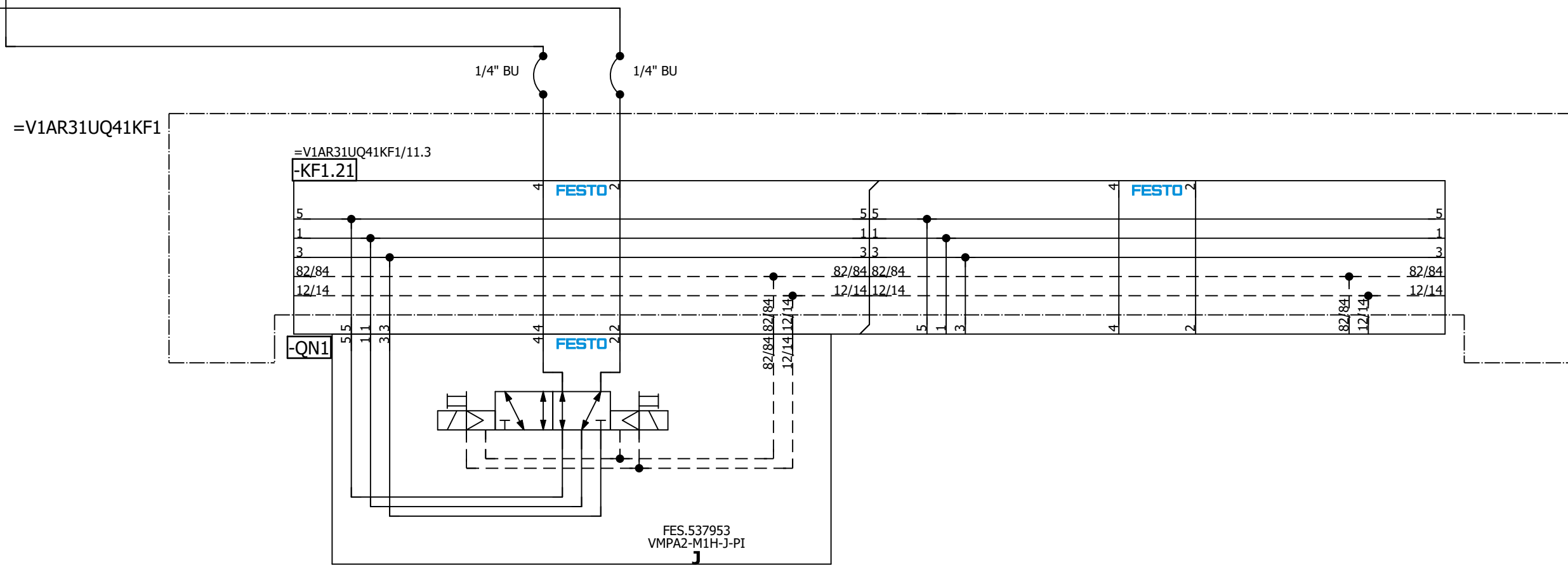
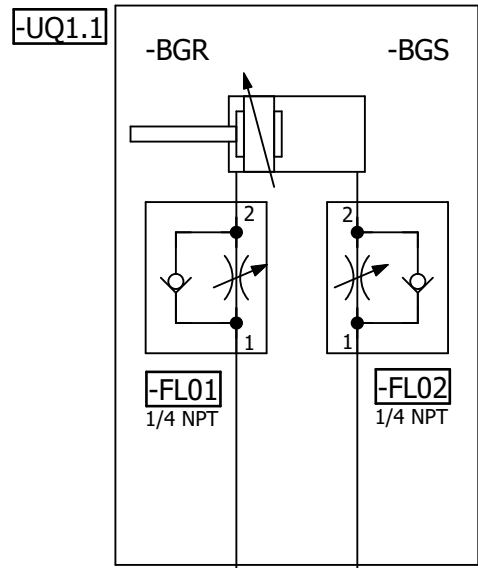
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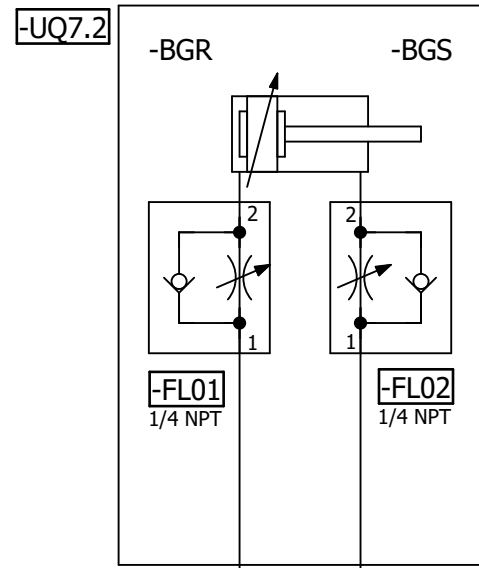
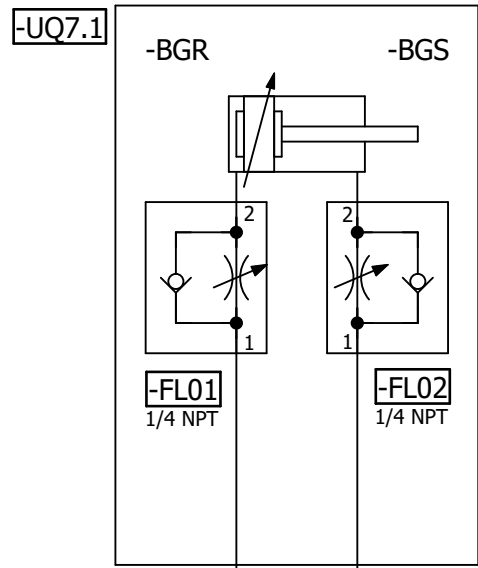
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Shot Pin 1
(RST)

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

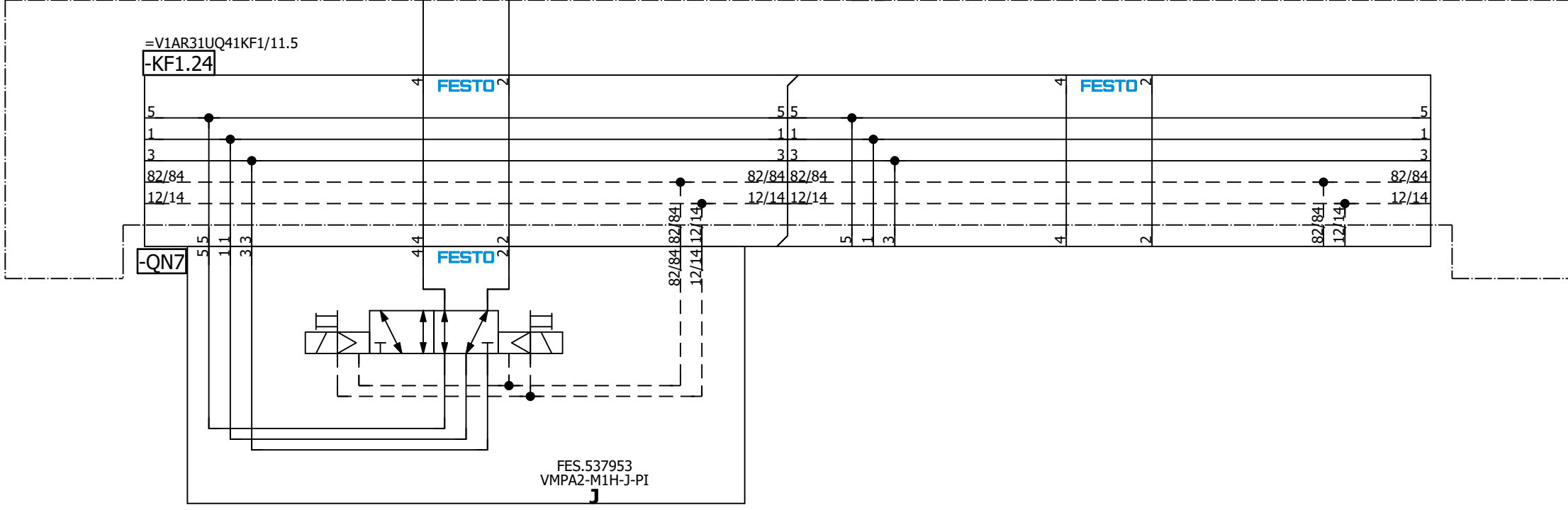
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1		Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by				Page 1
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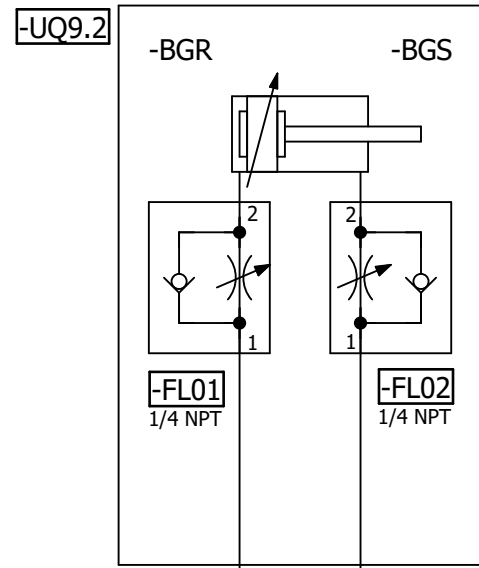
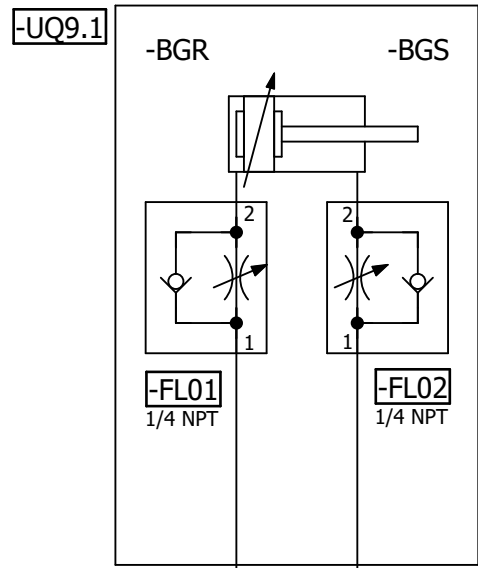
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 Clamps 7
 (RST)

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 Clamps 7
 (SET)

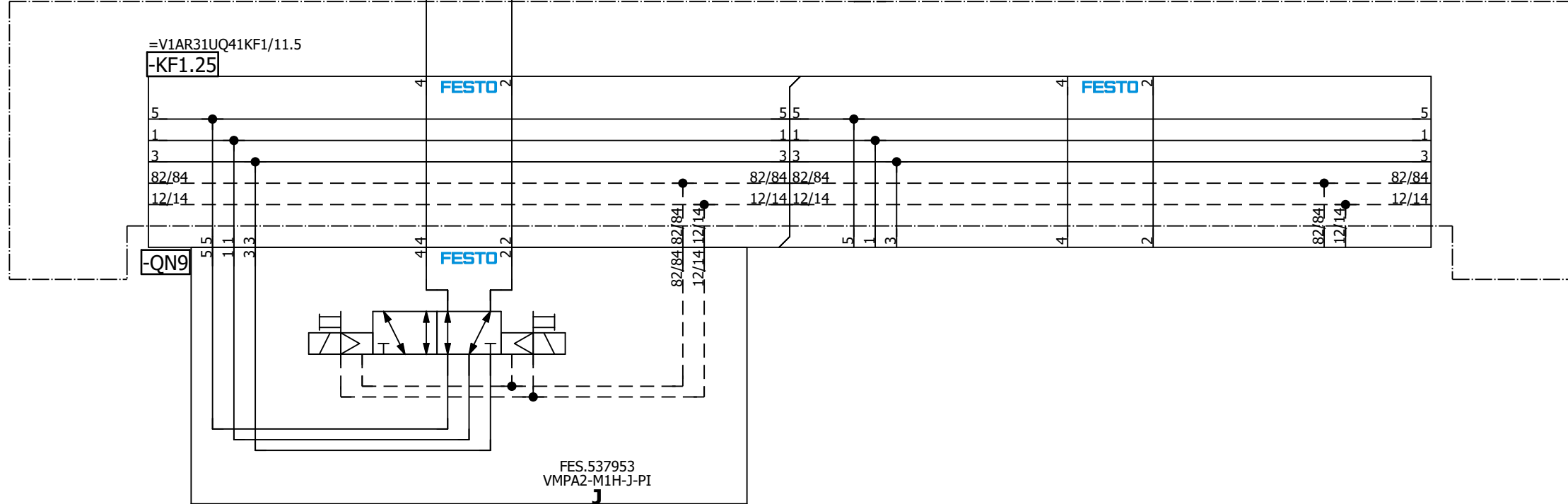
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Appr				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
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Clamps 9
(RST)

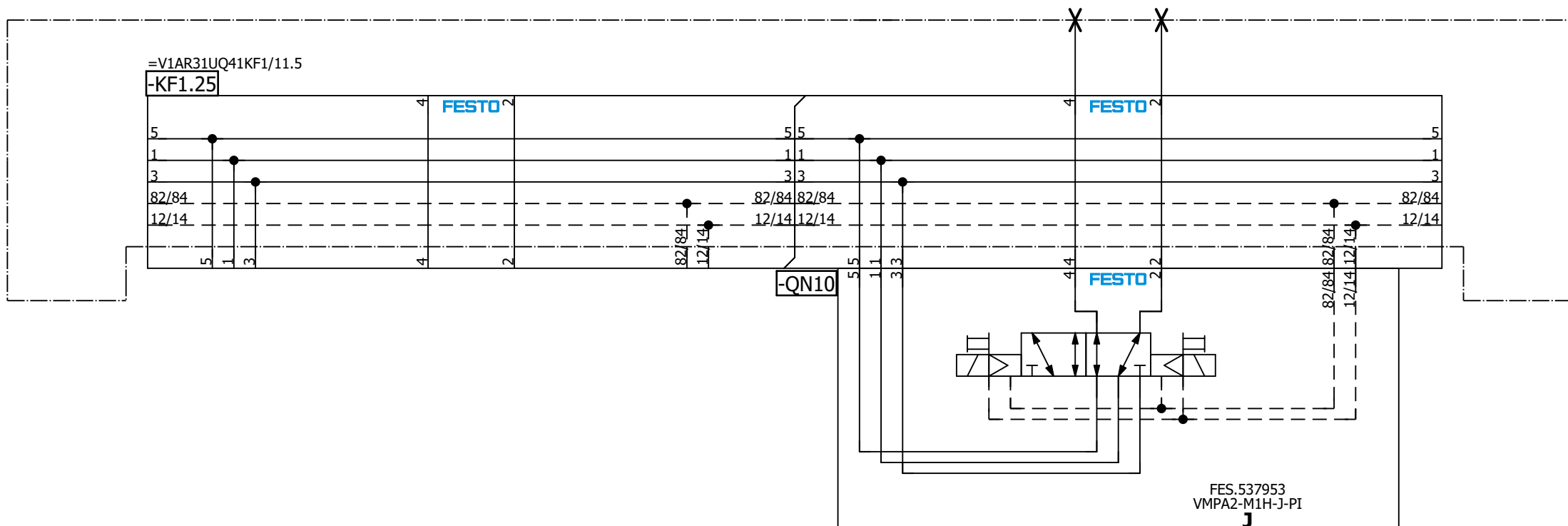
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			Appr		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
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Spare
(RST)

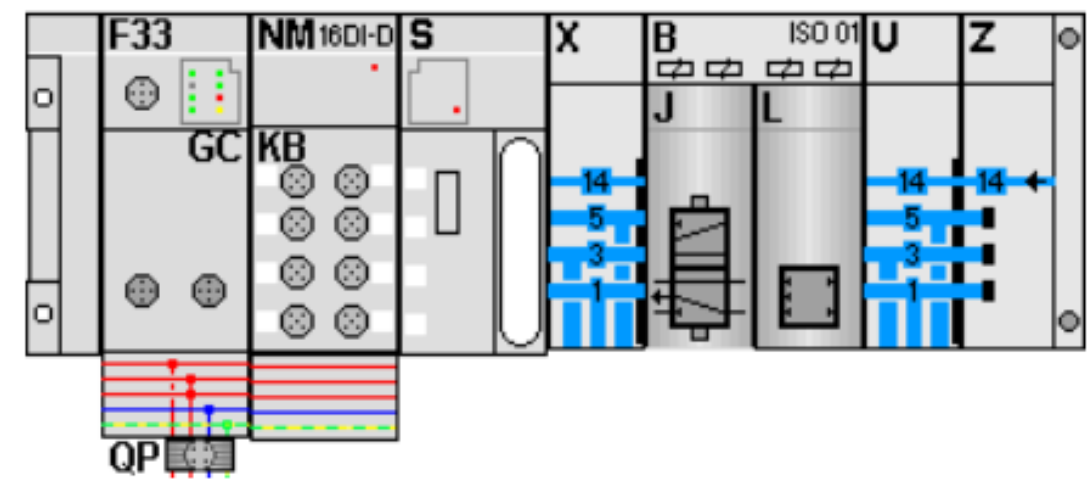
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Spare
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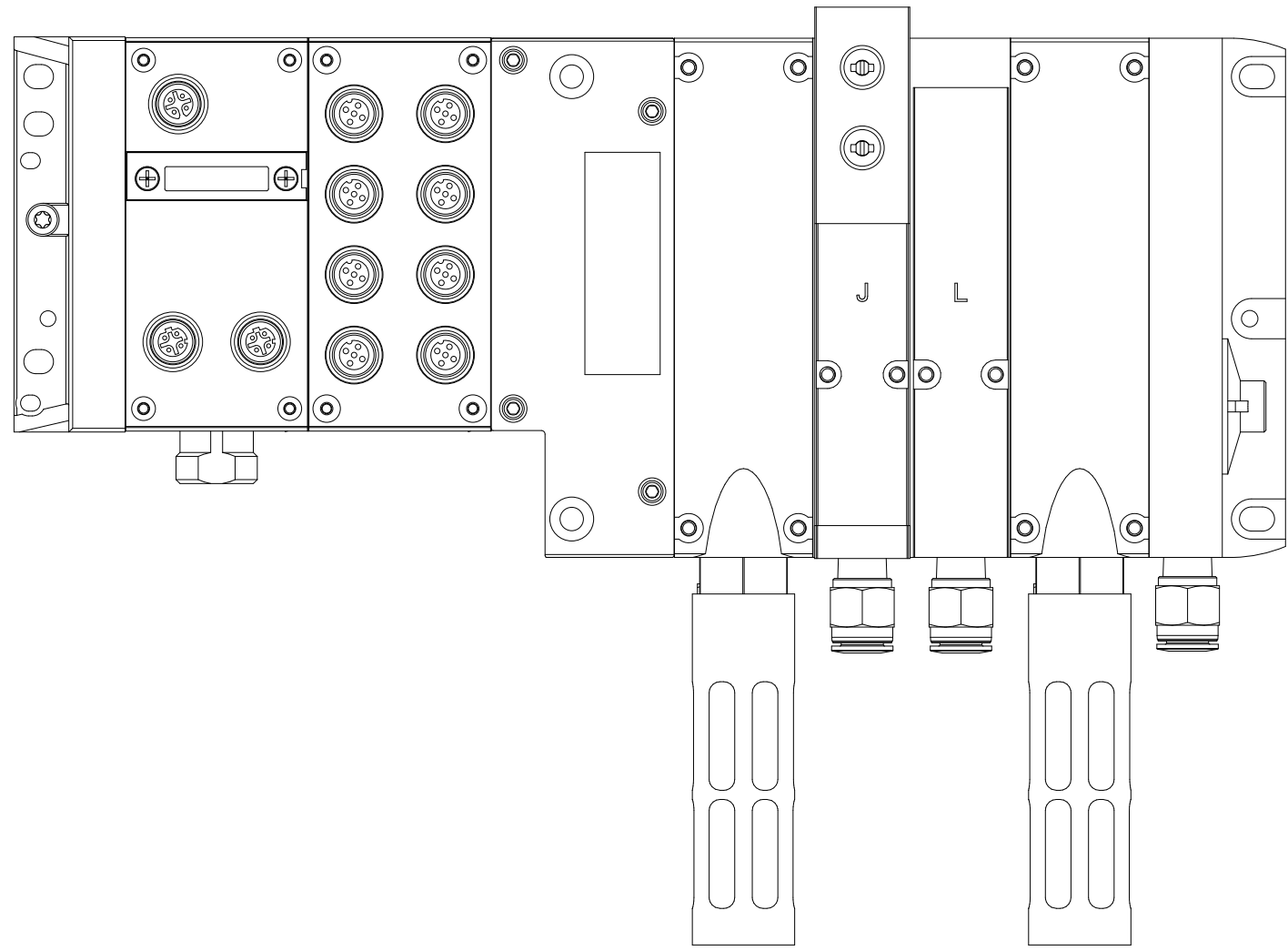
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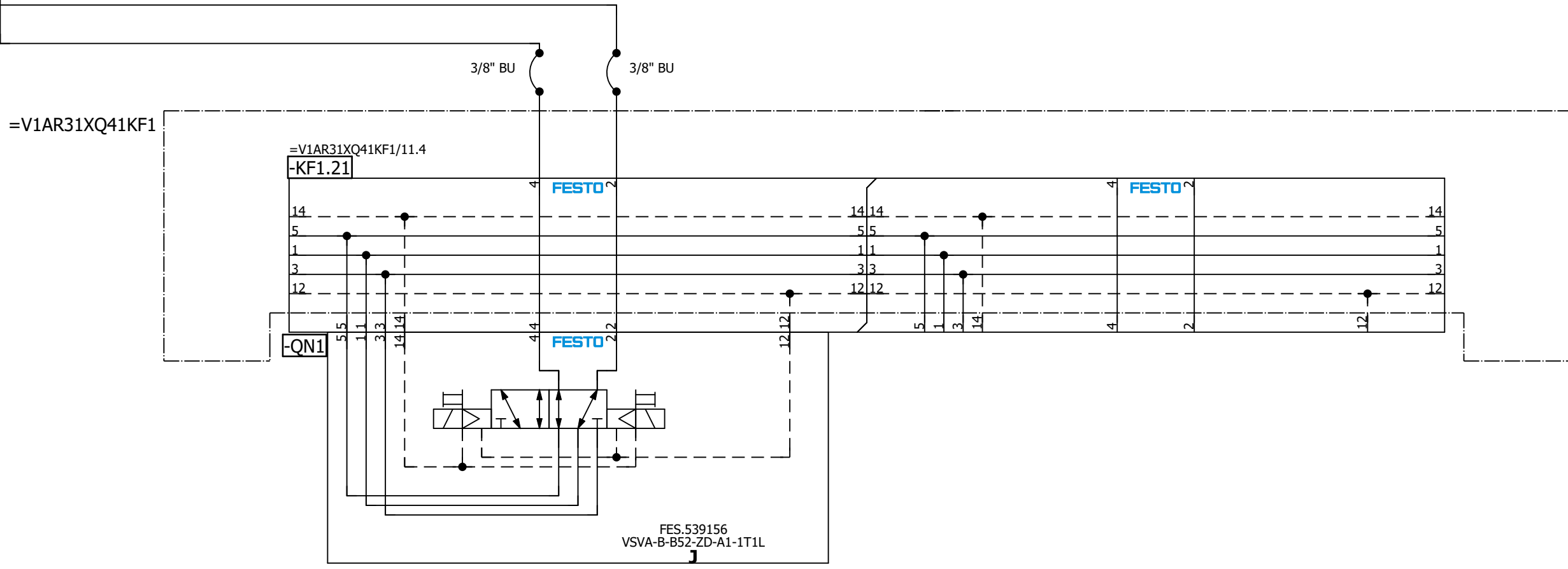
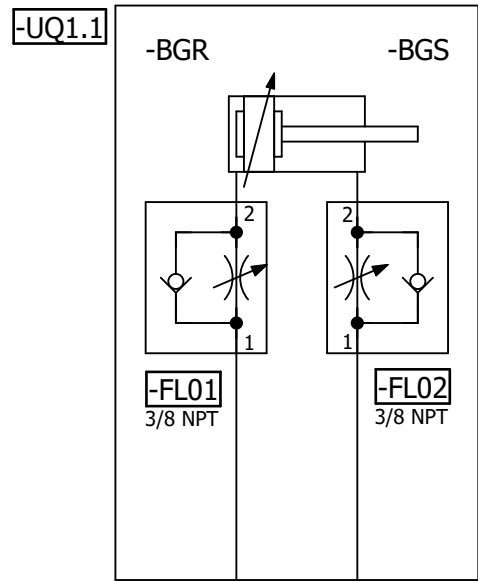


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Cylinder
(RST)

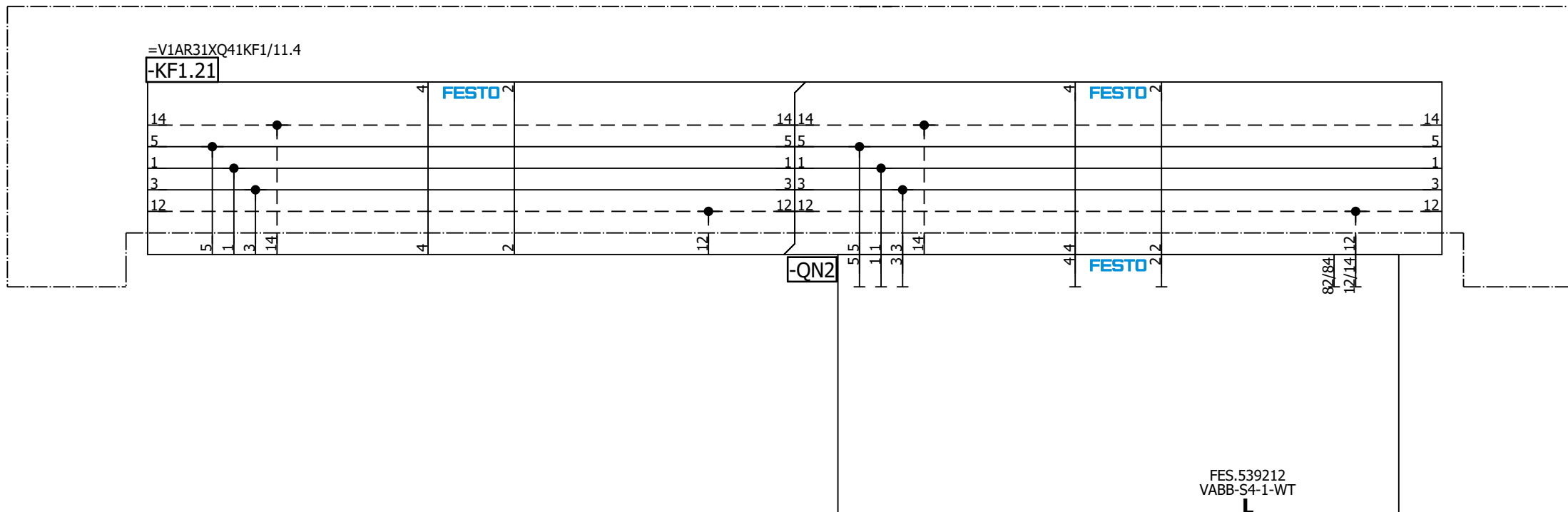
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Cylinder
(SET)

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Appr			Replacement of		Scale 1:1		Document type:		MFS
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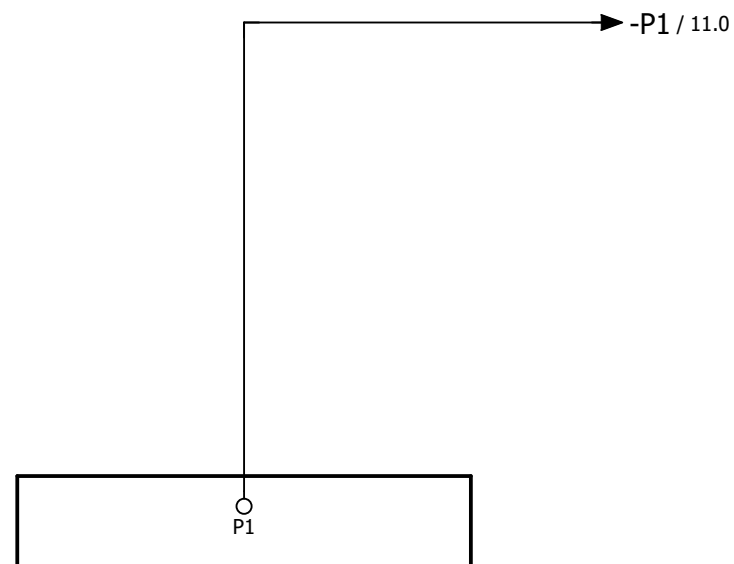
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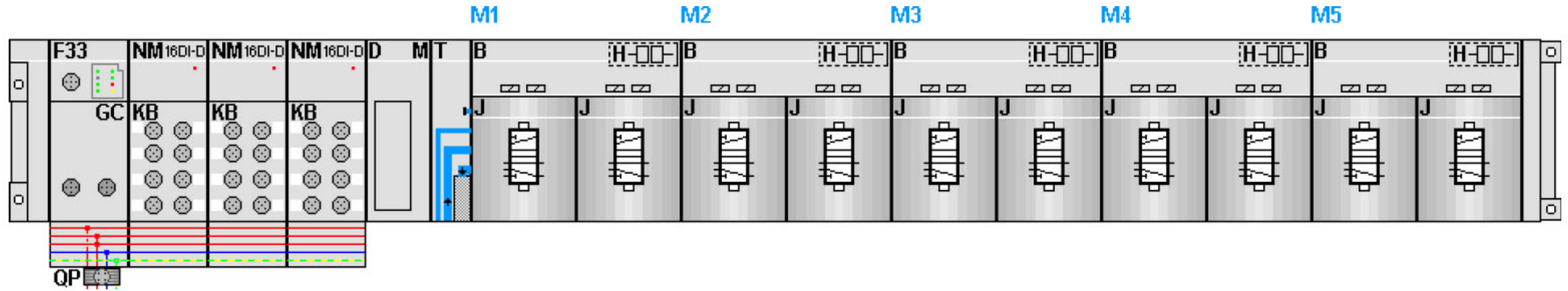
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Modification	Date	Name	Original	Replacement of	Replaced by	Scale 1:1						Page 404

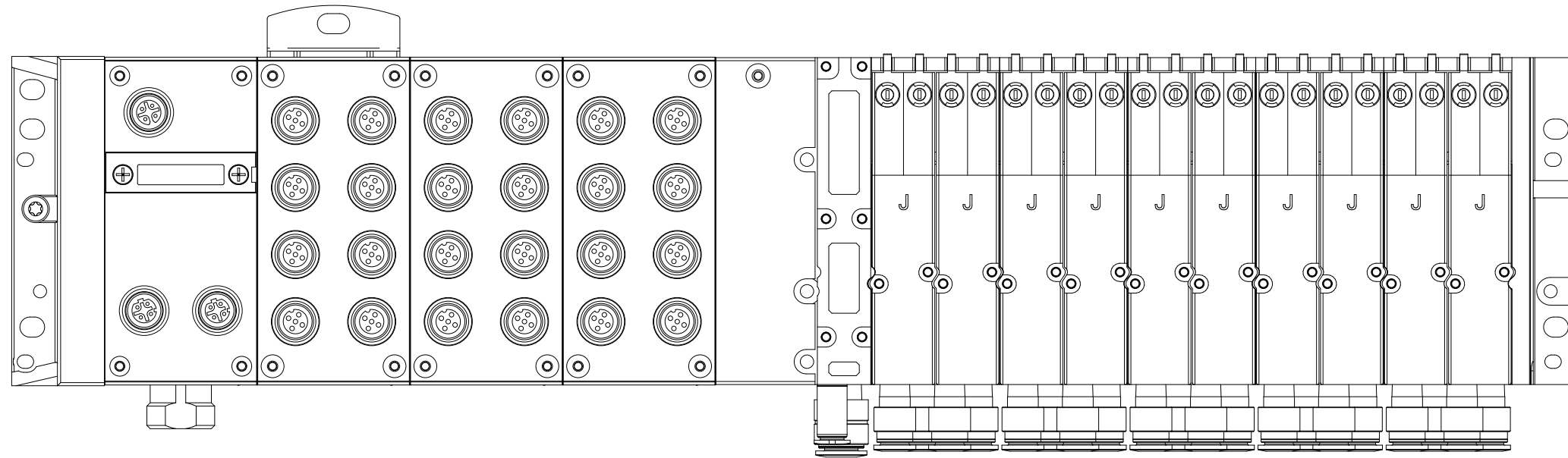


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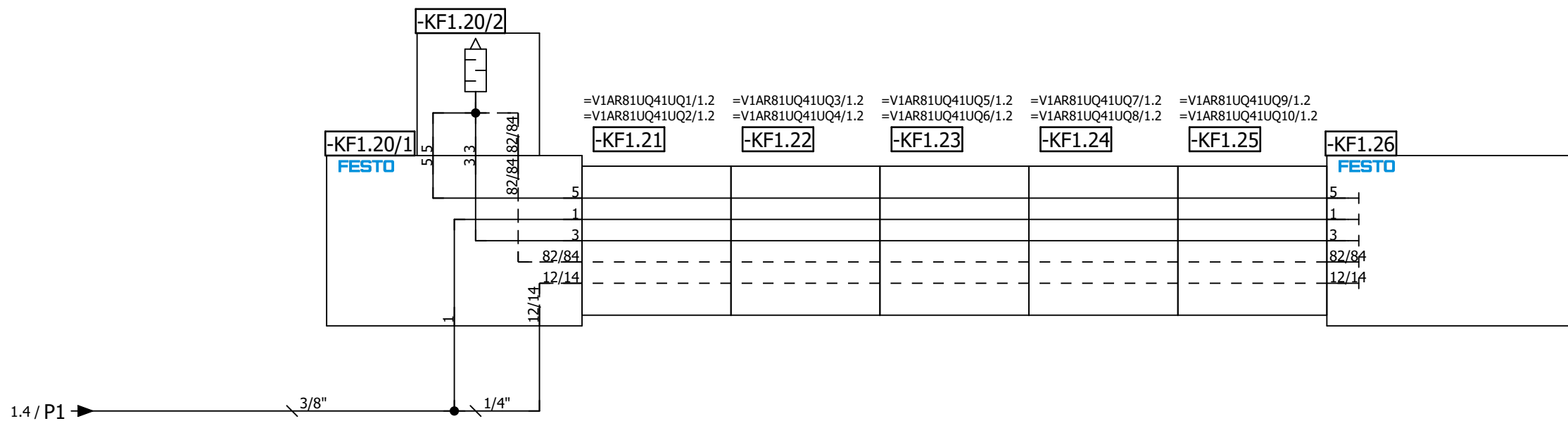
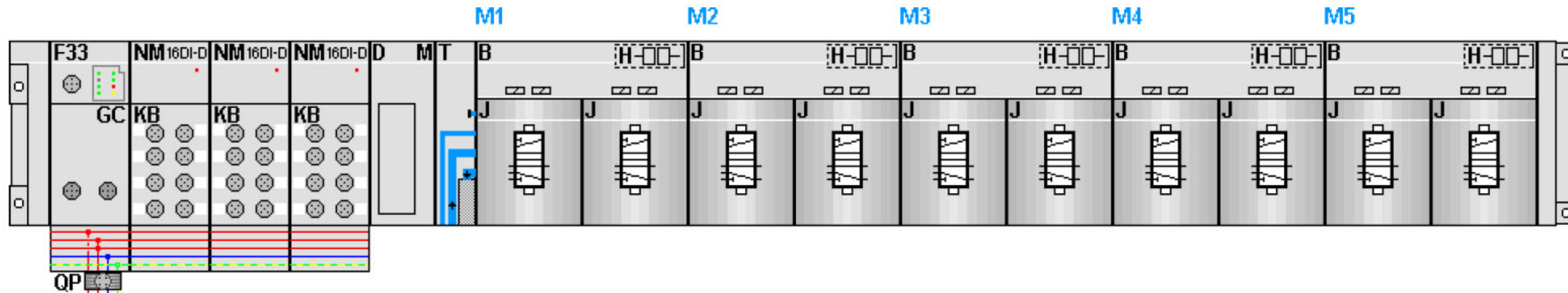
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		Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09					Document type: MFS	Project nr: 22-16150	Page	1
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1					404

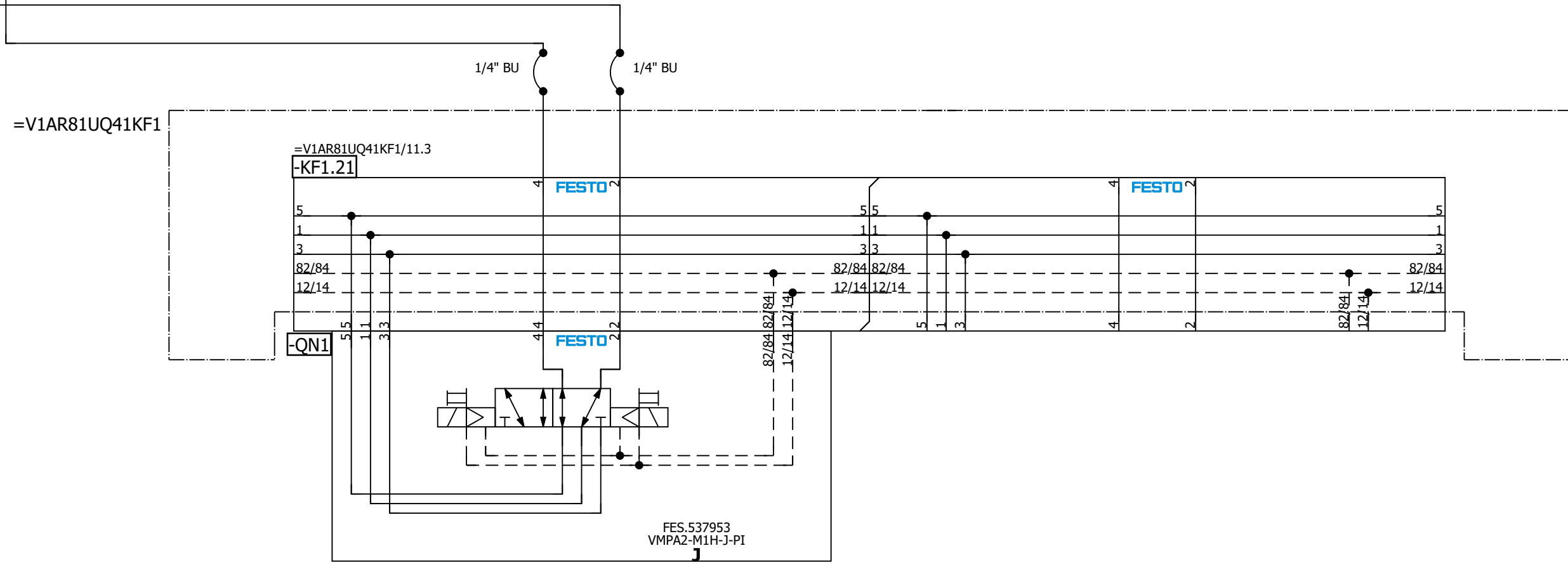
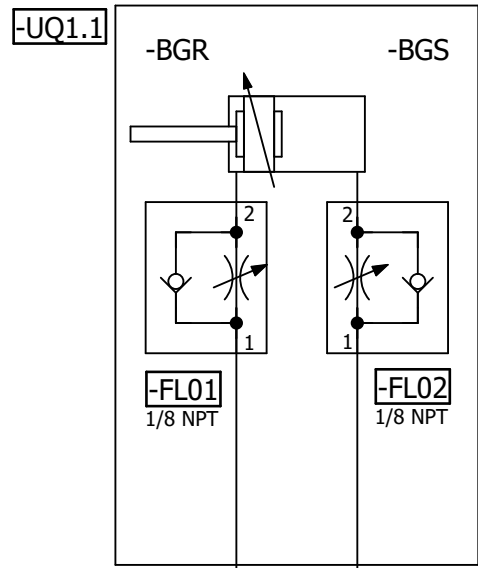


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Original										22-16150		5	
Modification		Date		Name						MFS		404	





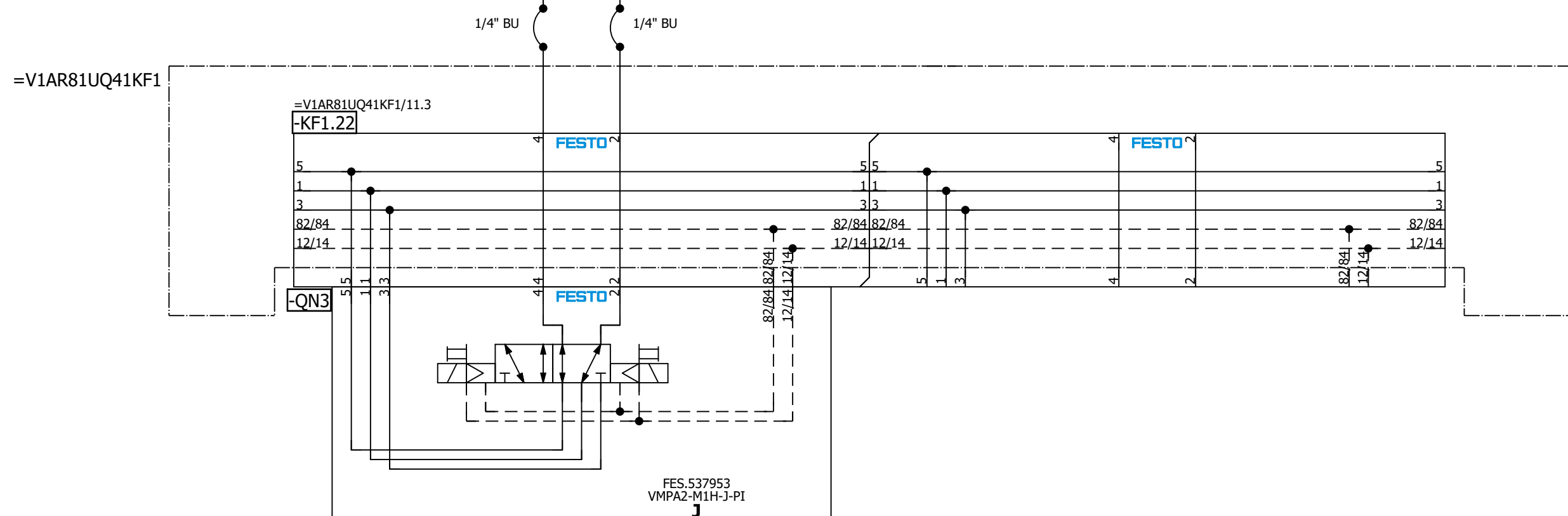
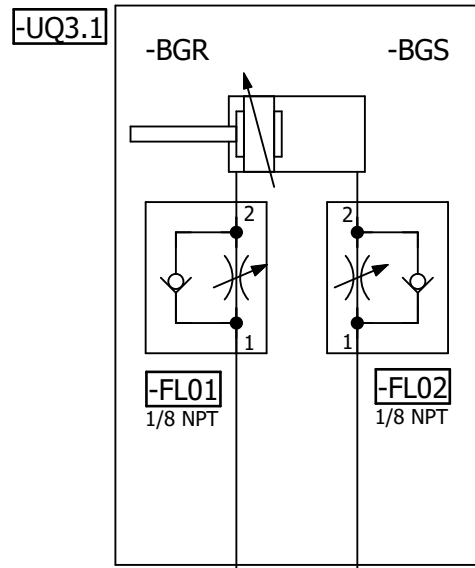
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Shot Pin 1
(SET)

=V1AR81UQ41KF1/11

=V1AR81UQ41UQ2/1

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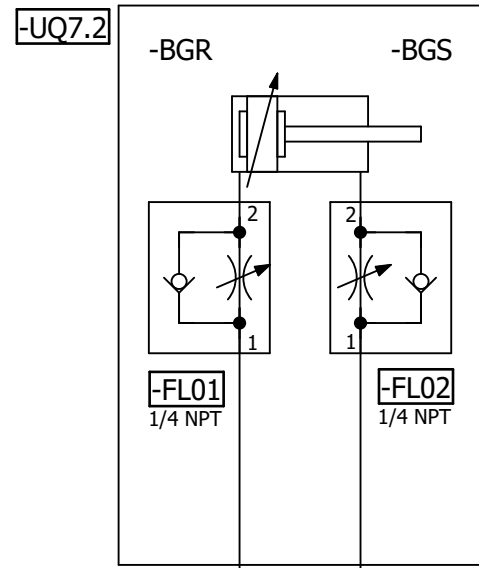
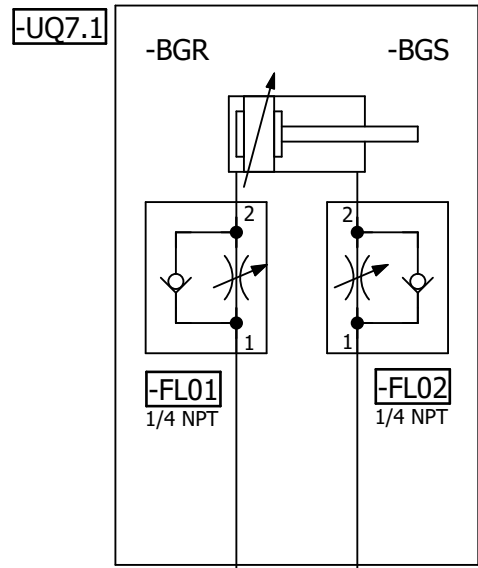
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Shot Pin 3
(RST)

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Shot Pin 3
(SET)

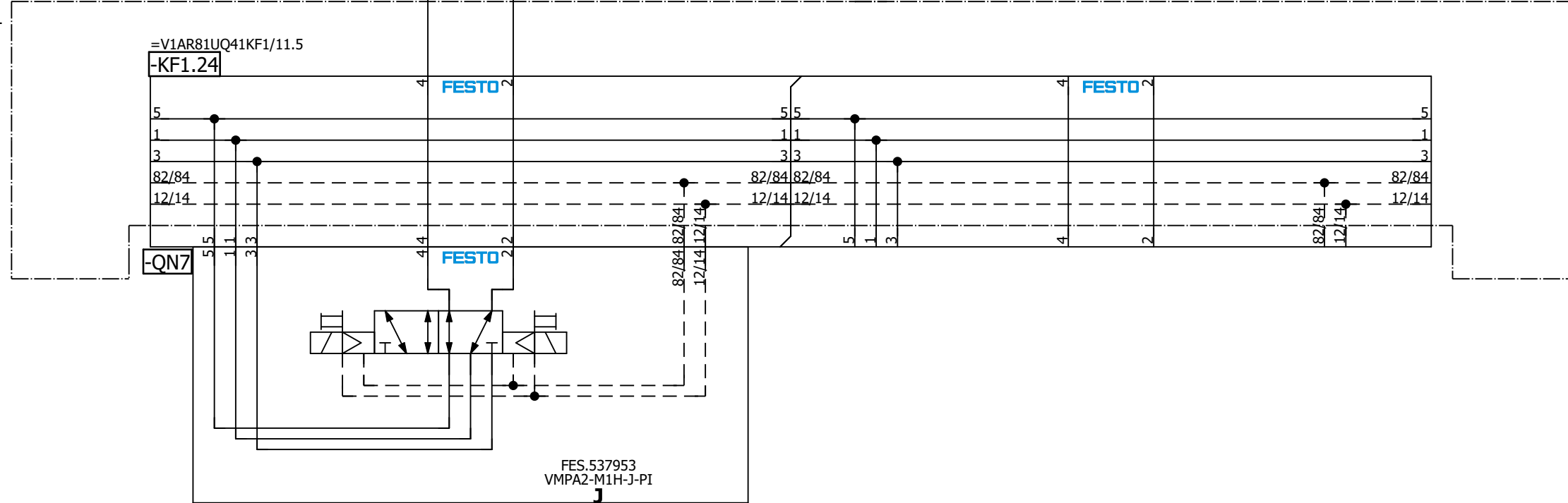
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Modification	Date	Name	Original					MFS	22-16150	1
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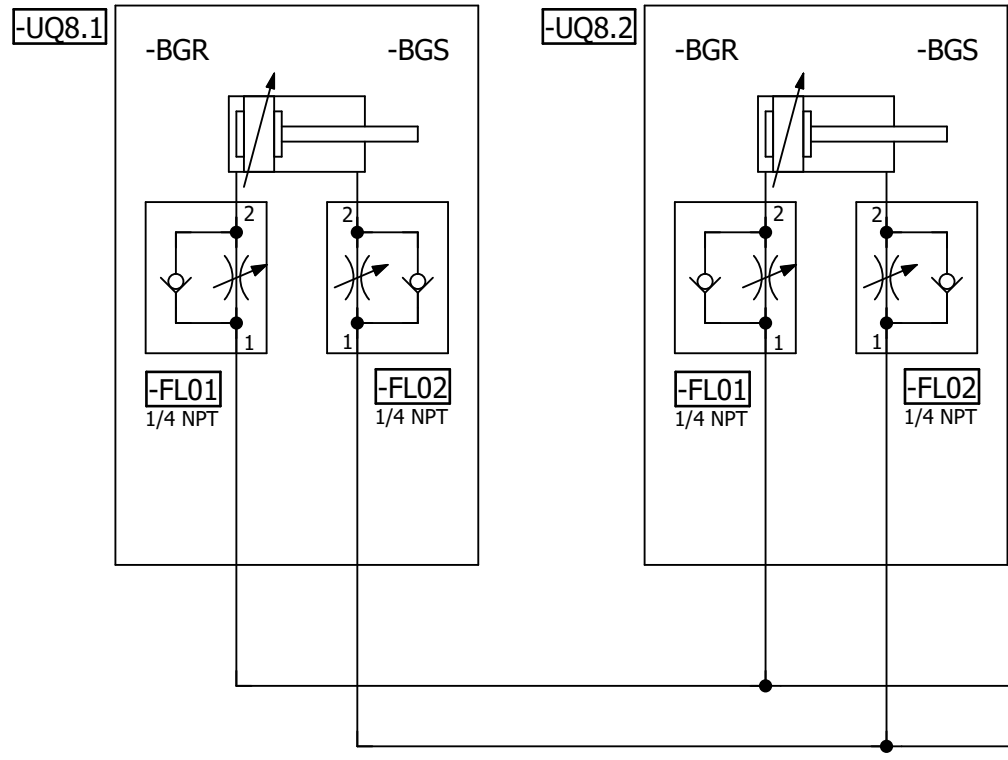
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 Clamps 7
 (RST)

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 Clamps 7
 (SET)

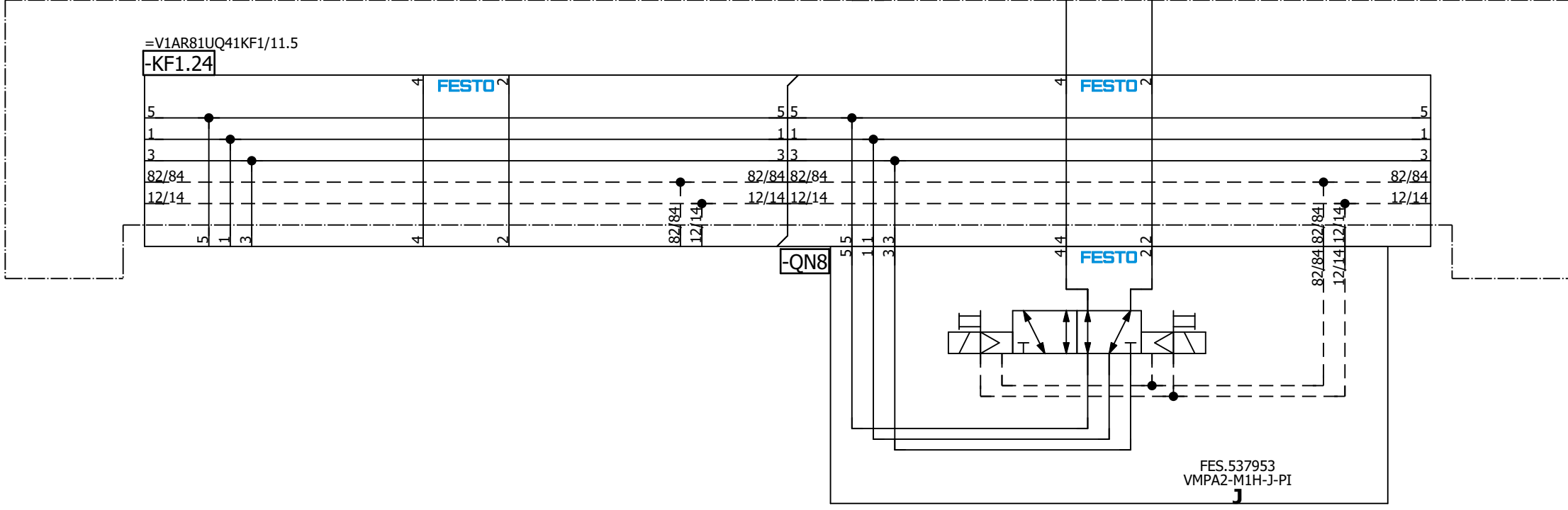
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Ed.		MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type: MFS		Project nr: 22-16150	
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Modification		Date		Name		Original				Page		404	



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Clamps 8
(RST)

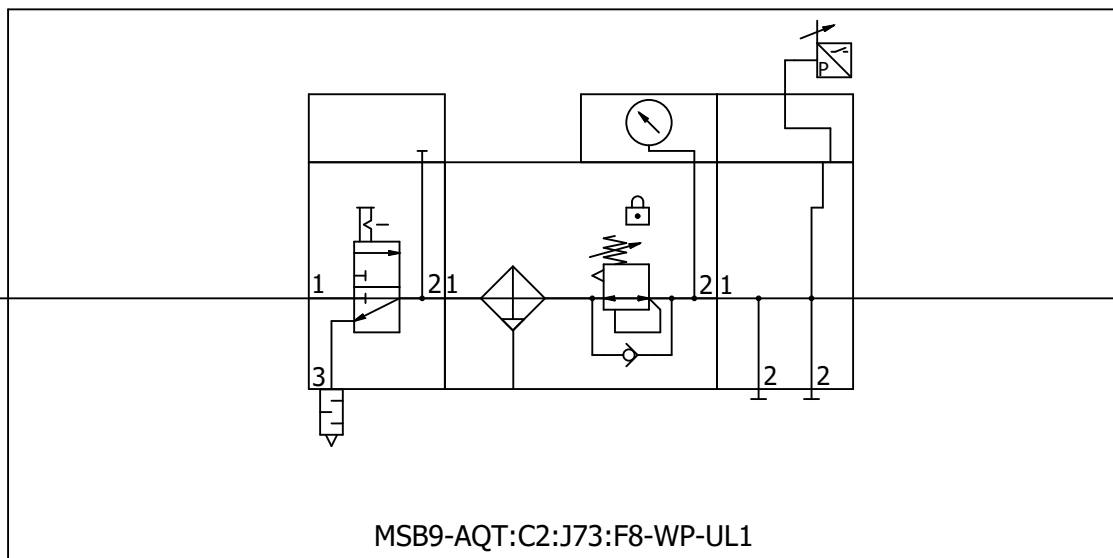
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Clamps 8
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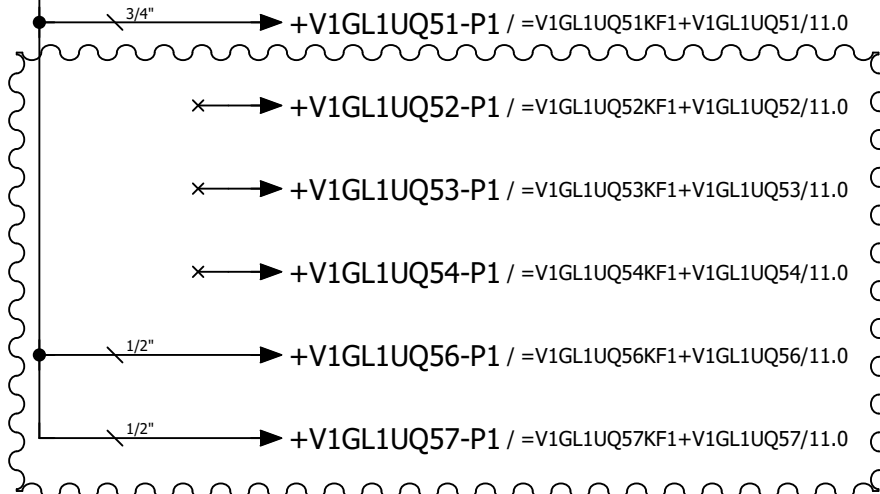
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=KH0+KH0/1.7 / +V1GL1KH1-P1




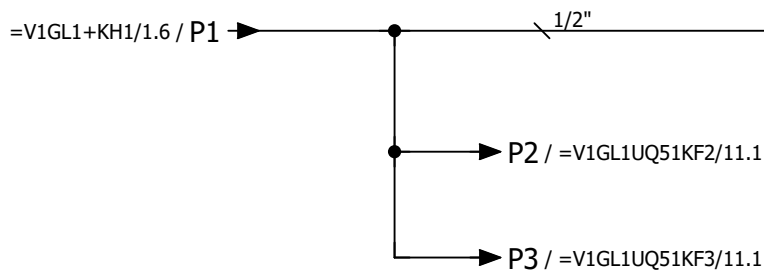
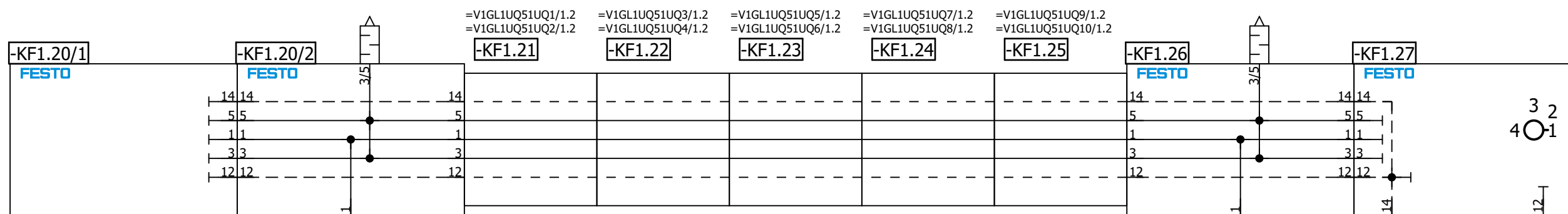
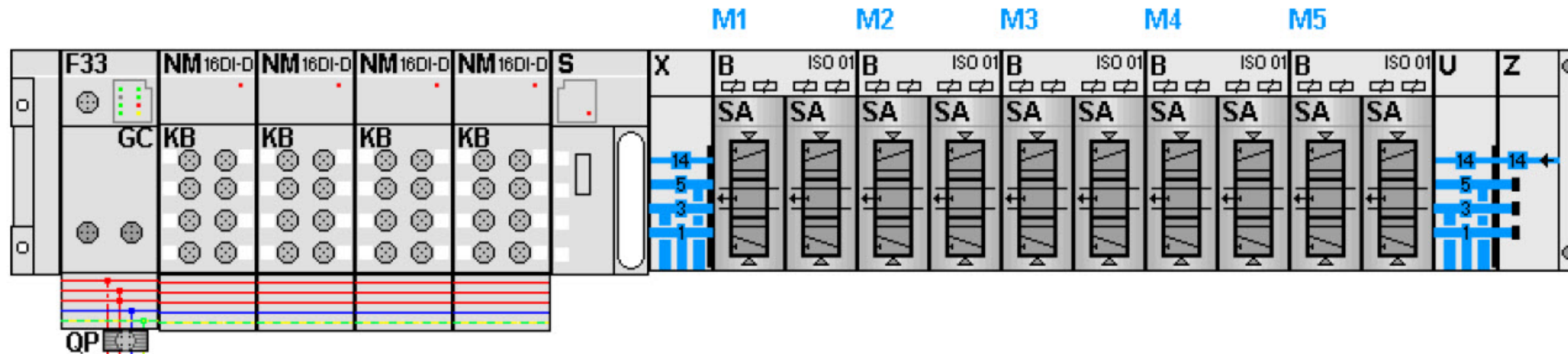
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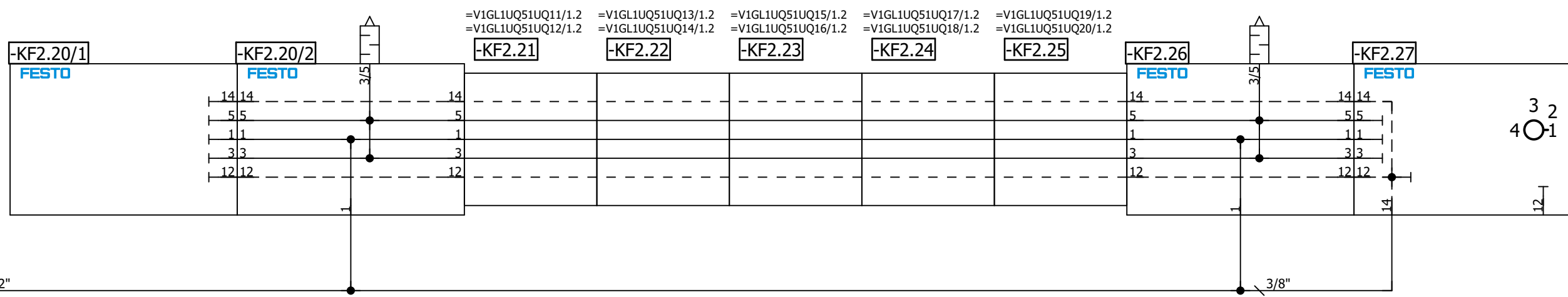
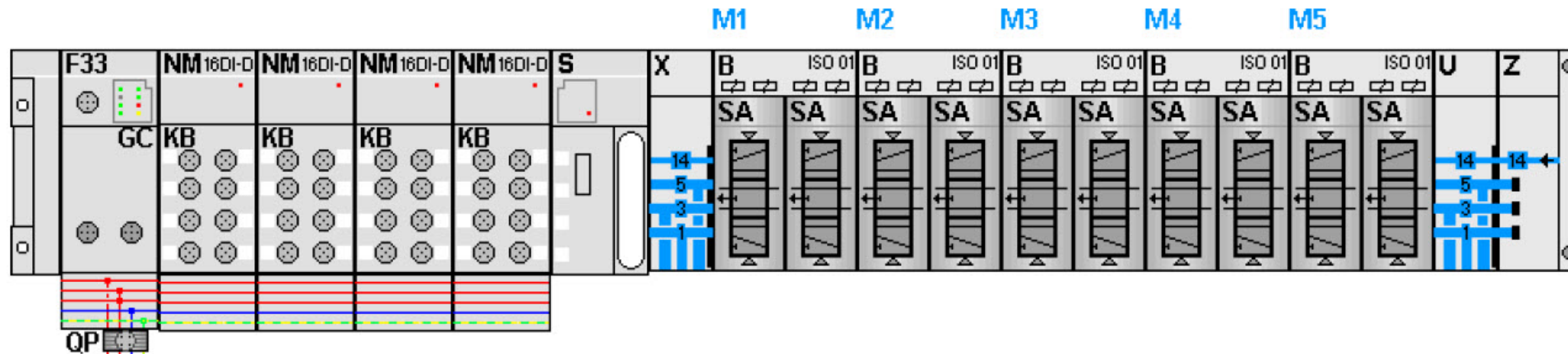
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		Appr		Replacement of	Replaced by	Scale 1:1	Document type:	MFS	
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Original			Replaced by				MFS		22-16150	
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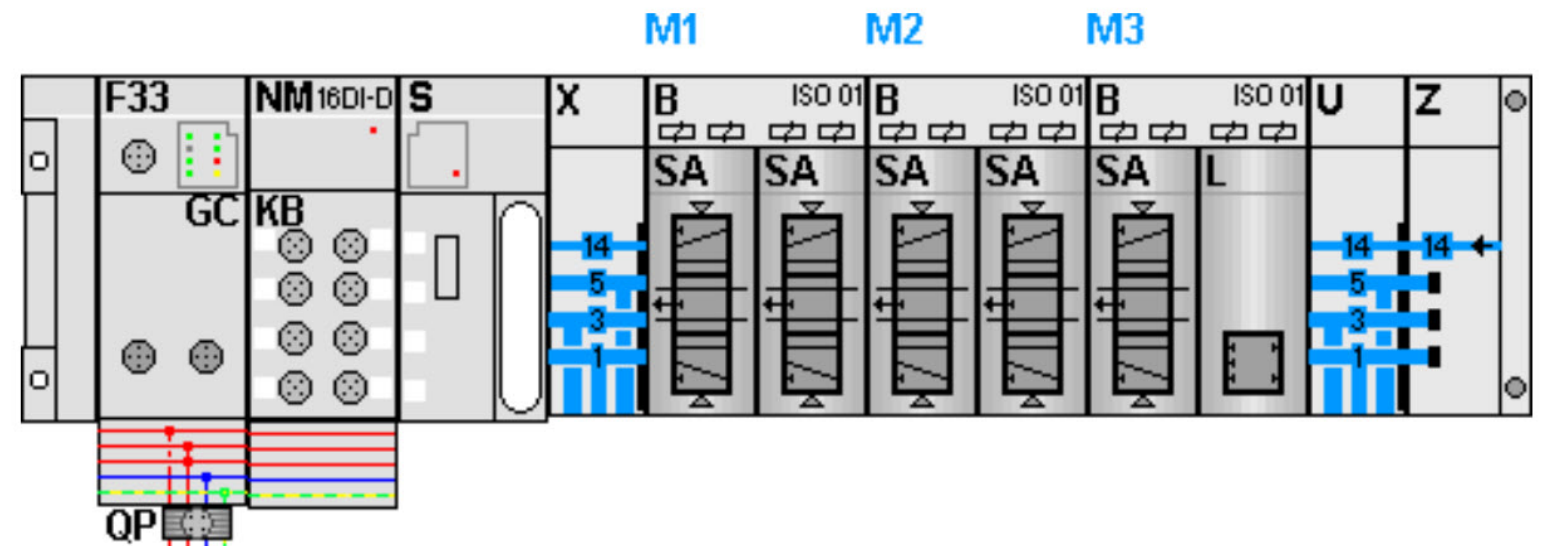


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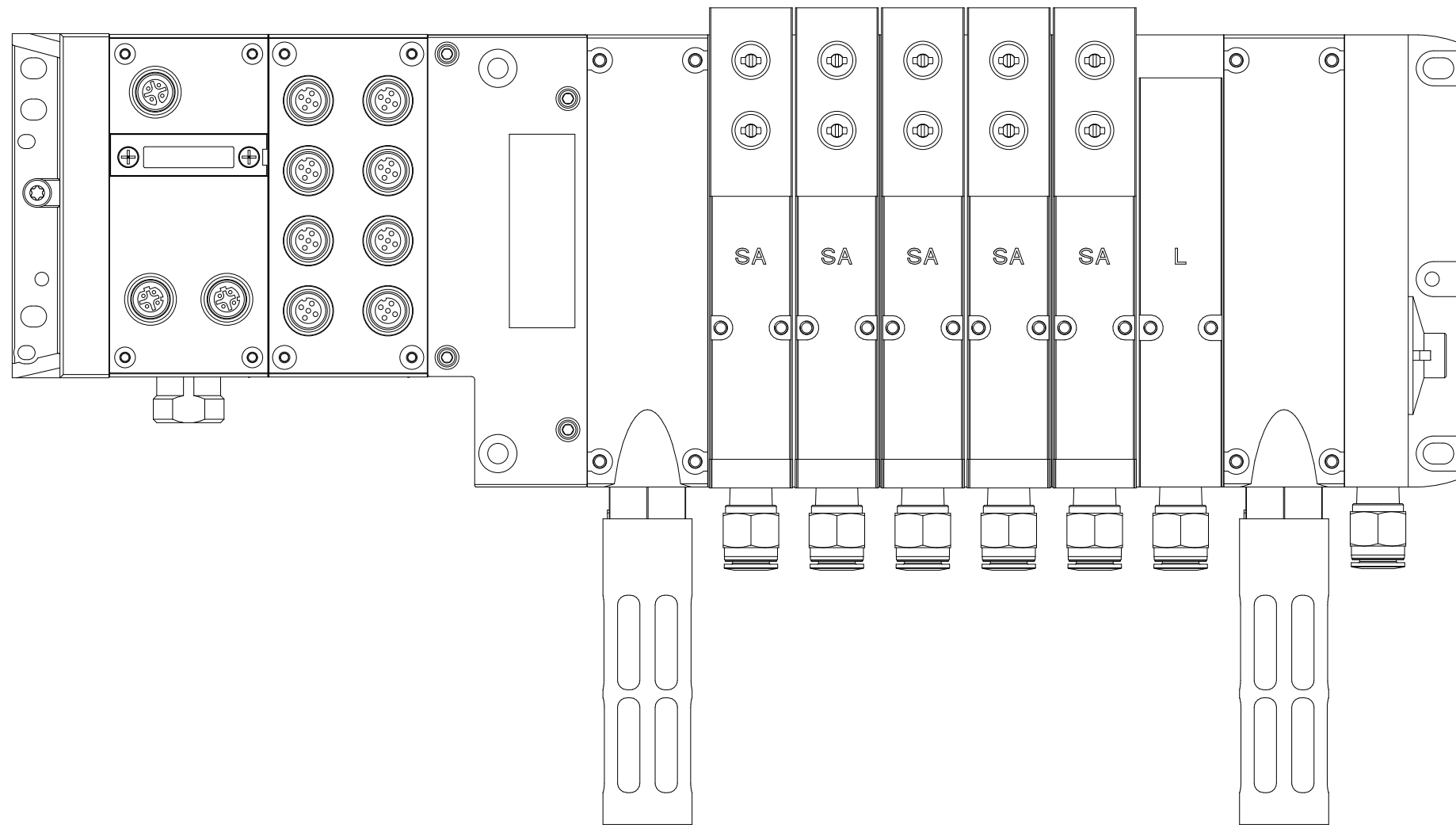
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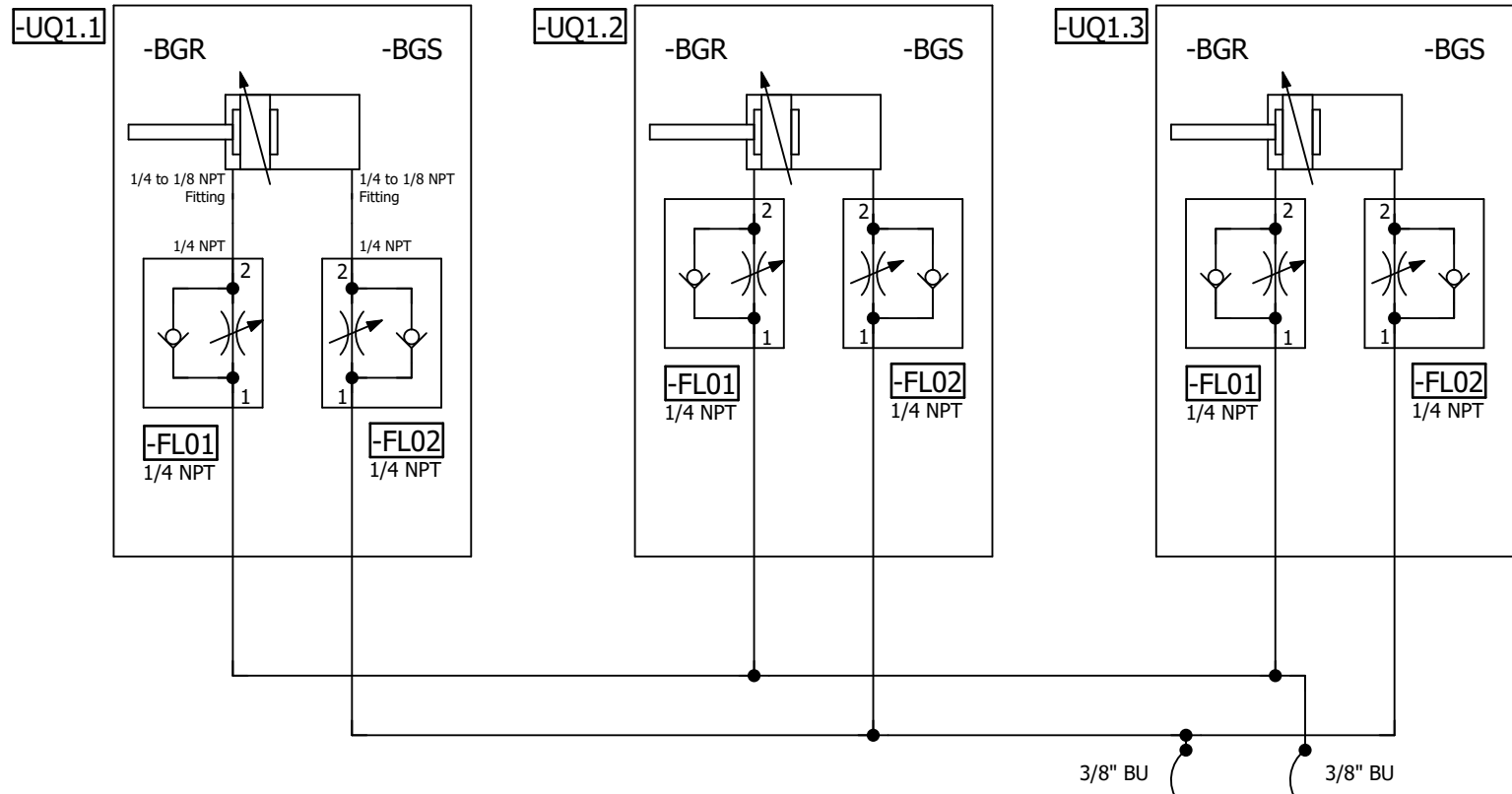
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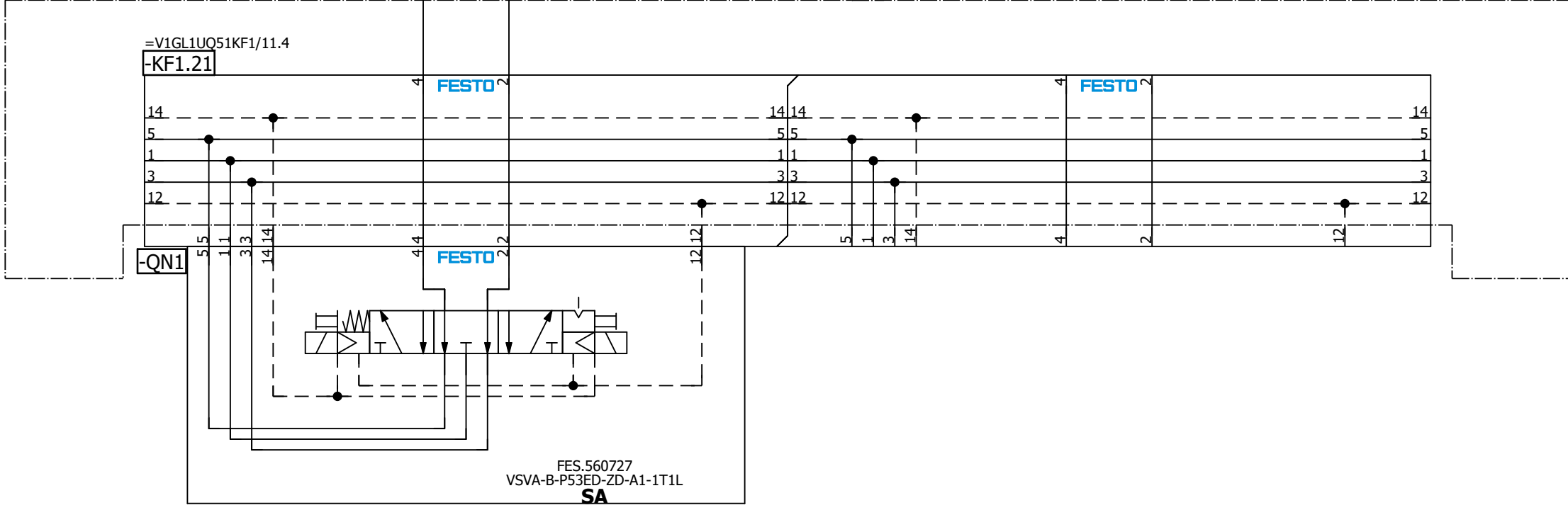
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Appr			Replacement of		Scale 1:1	Document type:	Project nr:	Page	5
Modification	Date	Name	Original	Replaced by					MFS



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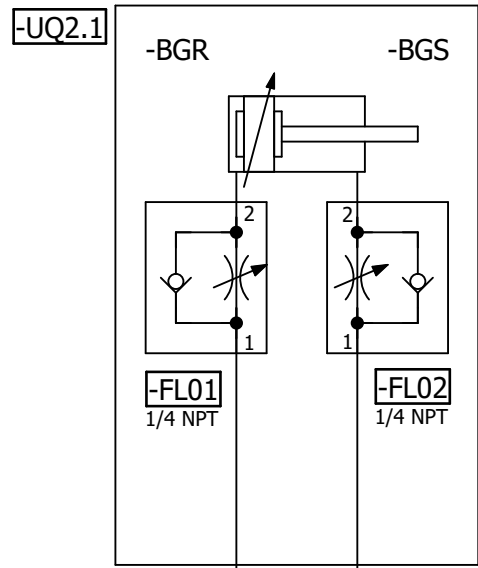
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Shot Pins 1
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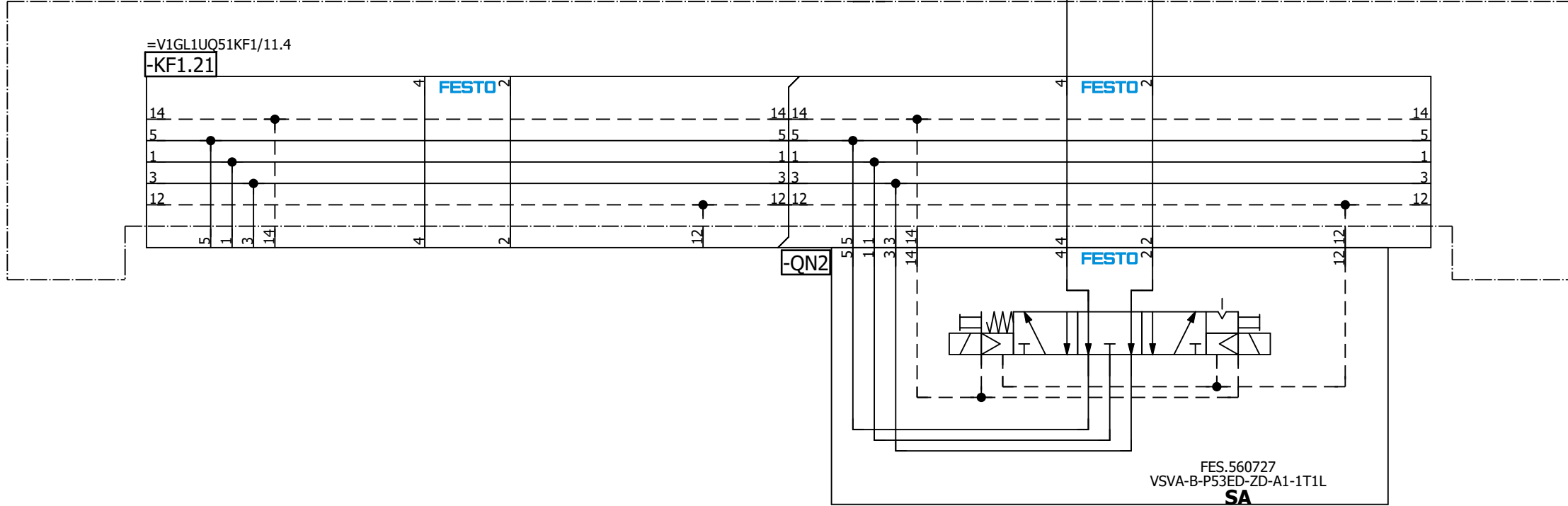
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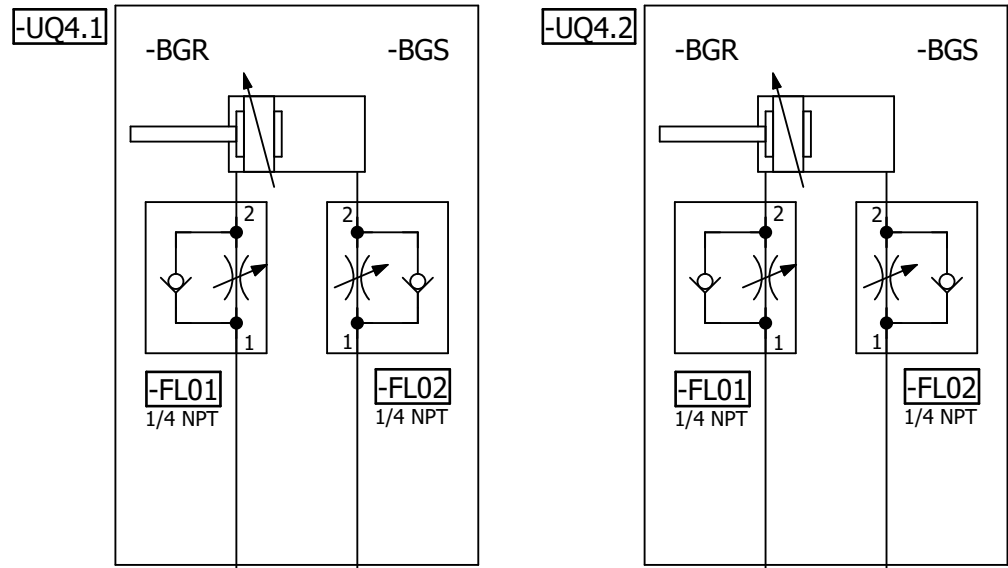
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Shot Pin 2
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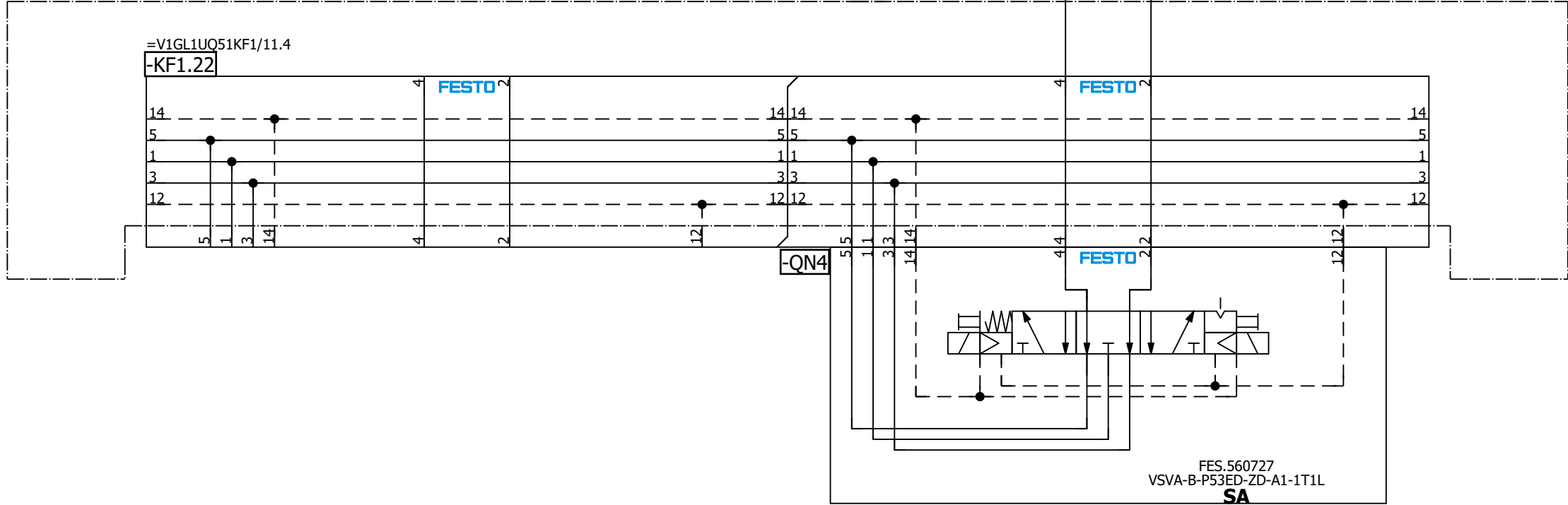
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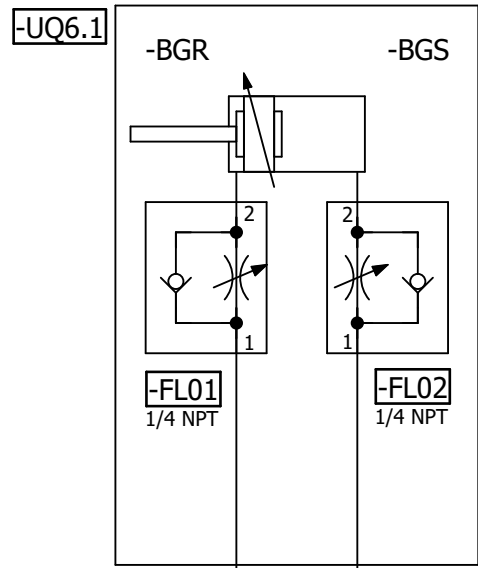
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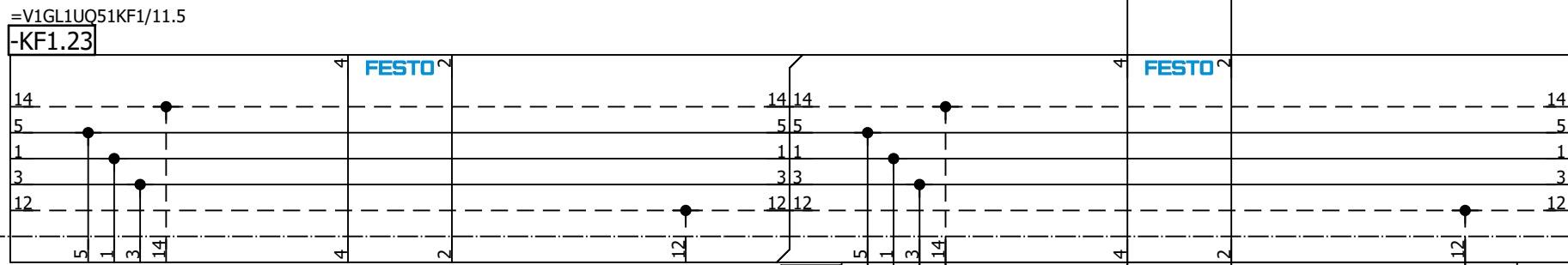
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-QN6

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SA

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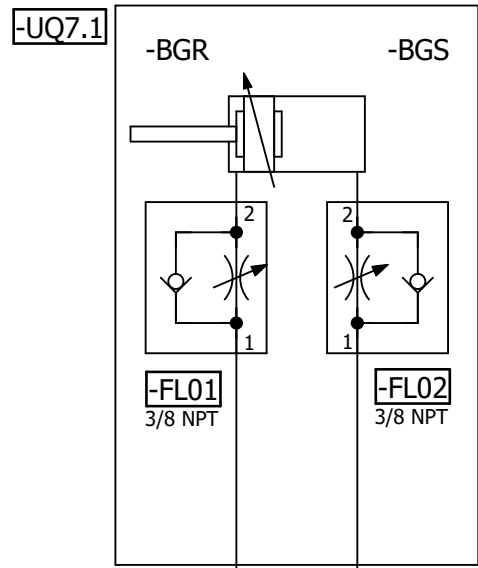
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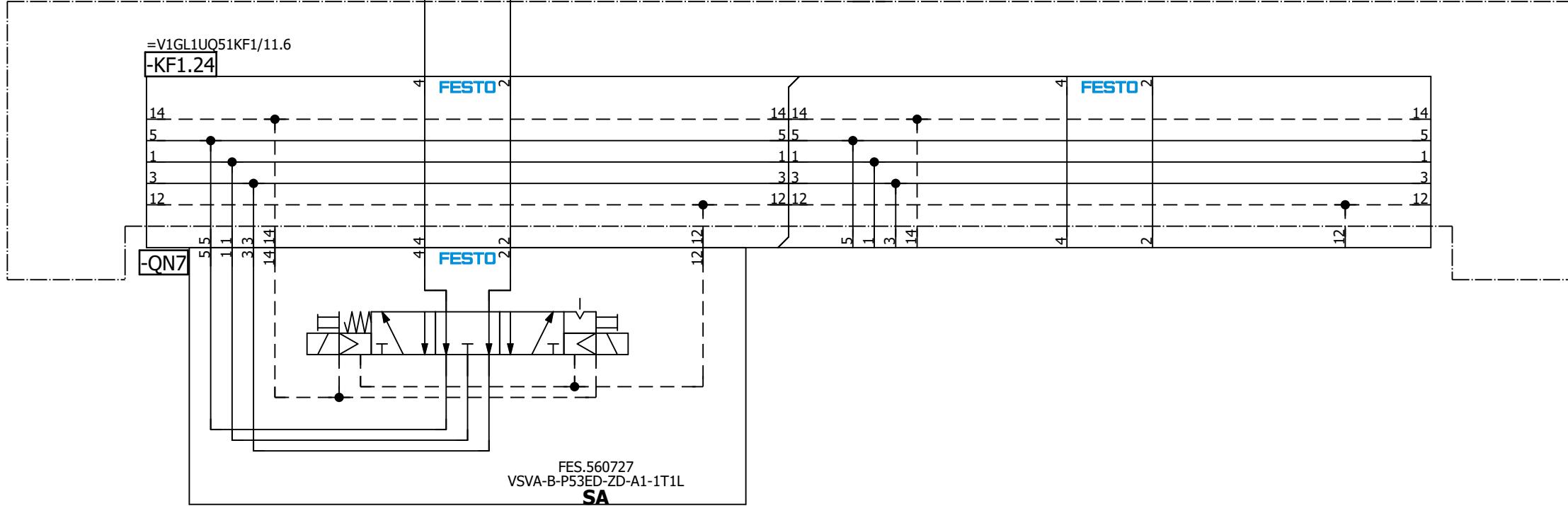
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ51		Page
Appr.			Replacement of		Replaced by		Document type:		Project nr:		
Original							MFS		22-16150		
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=V1GL1UQ51KF1



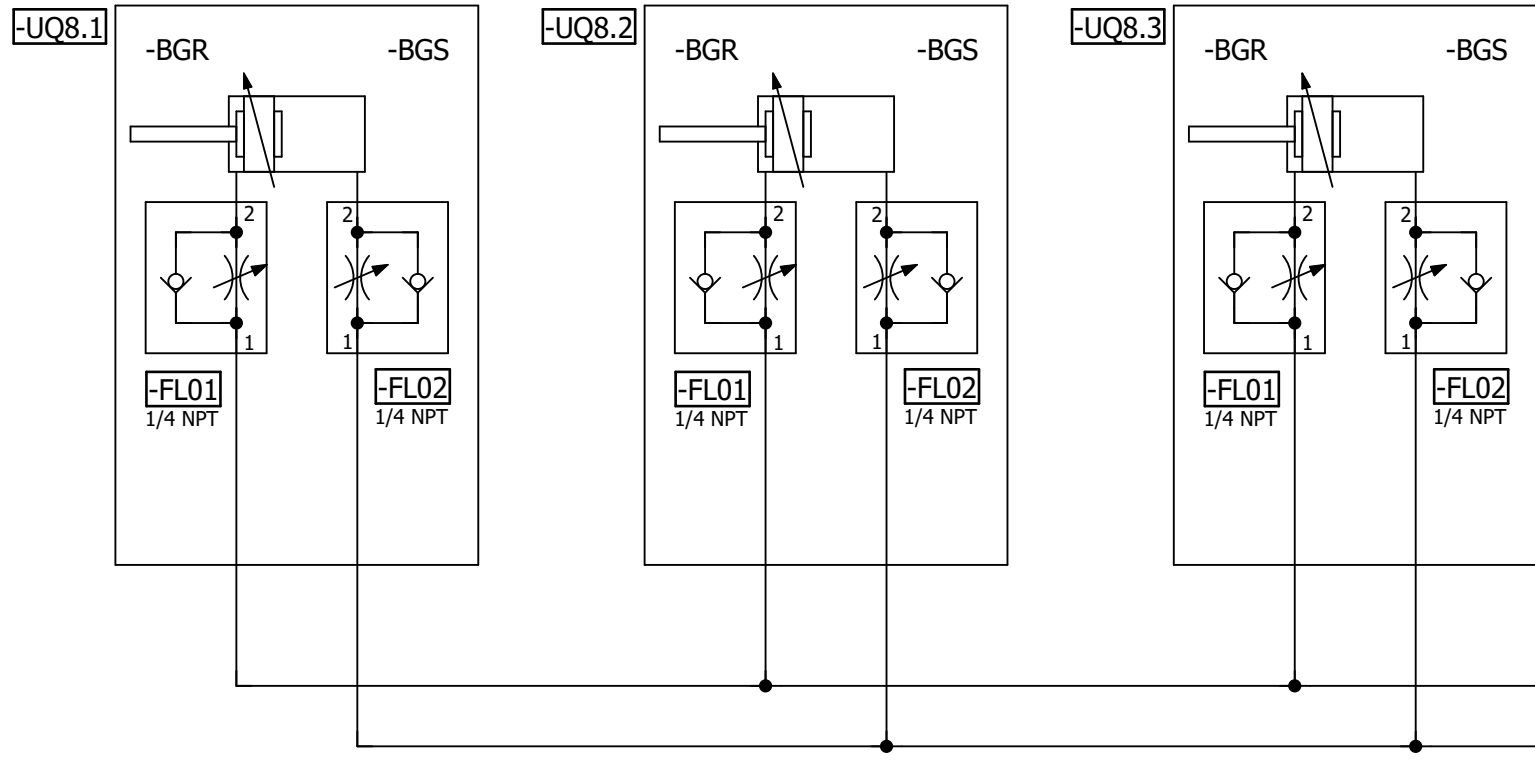
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-UQ7-QN7.1
Shot Pin 7
(RST)

=V1GL1UQ51
-UQ7-QN7.2
Shot Pin 7
(SET)

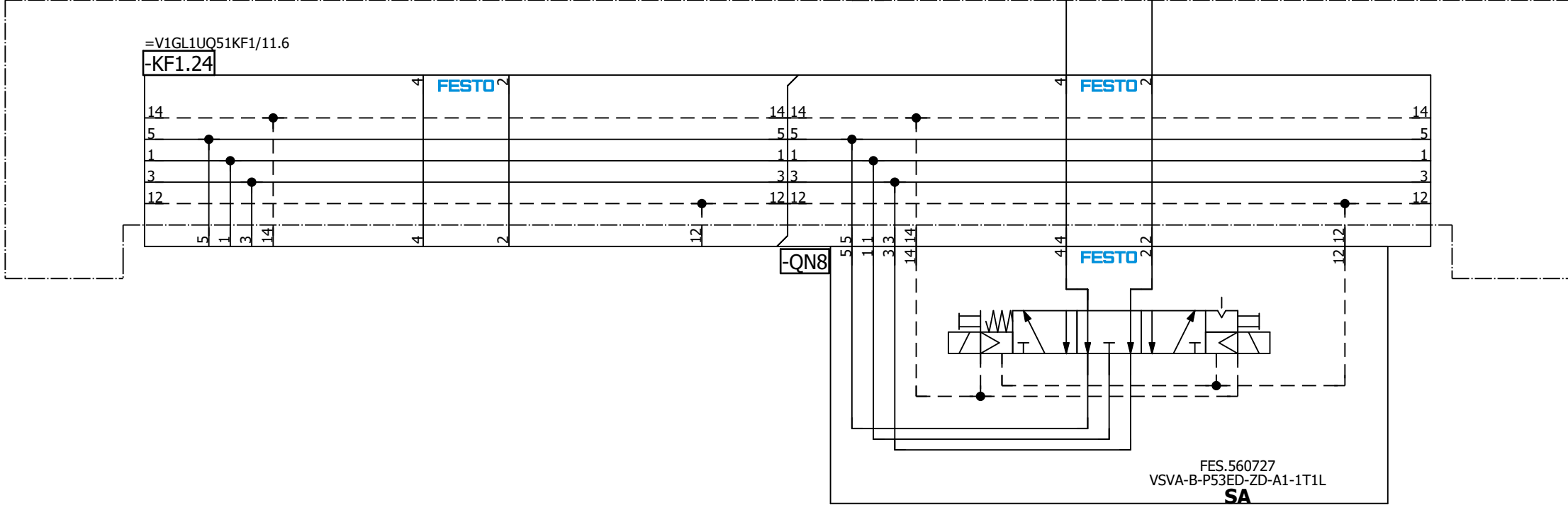
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			Date	1/9/2023	Volvo Trucks North America	Valiant TMS	Shot Pin 7	Drawing name: =2V09&MFS-PNEU		= V1GL1UQ51UQ7 + V1GL1UQ51			
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	MFS	Project nr:	22-16150	Page	1
Modification	Date	Name	Original					Replacement of	Replaced by				



=V1GL1UQ51KF1



=V1GL1UQ51
-UQ8-QN8.1
Shot Pins 8
(RST)

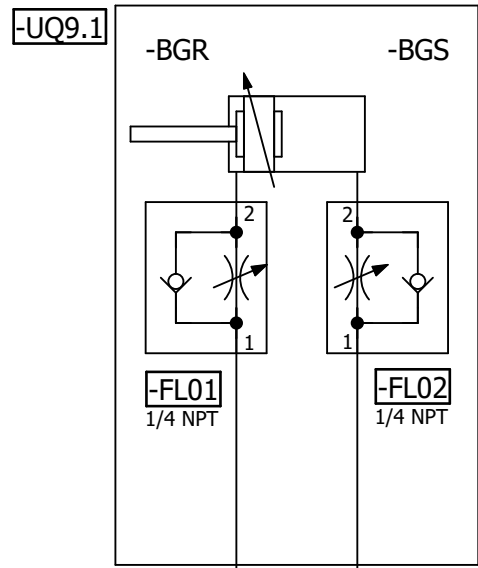
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-UQ8-QN8.2
Shot Pins 8
(SET)

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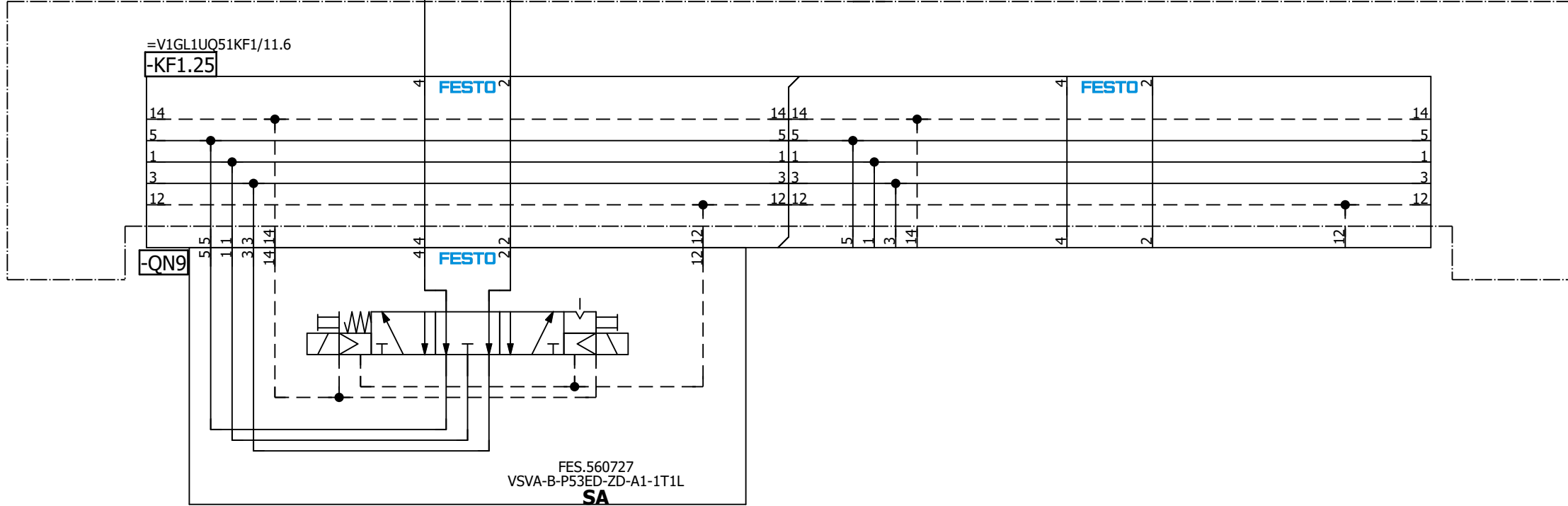
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Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Valiant TMS	Shot Pins 8	Drawing name: =2V09&MFS-PNEU	Project nr: 22-16150	Page 1
		1/9/2023	MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09					= V1GL1UQ51UQ8 + V1GL1UQ51		404





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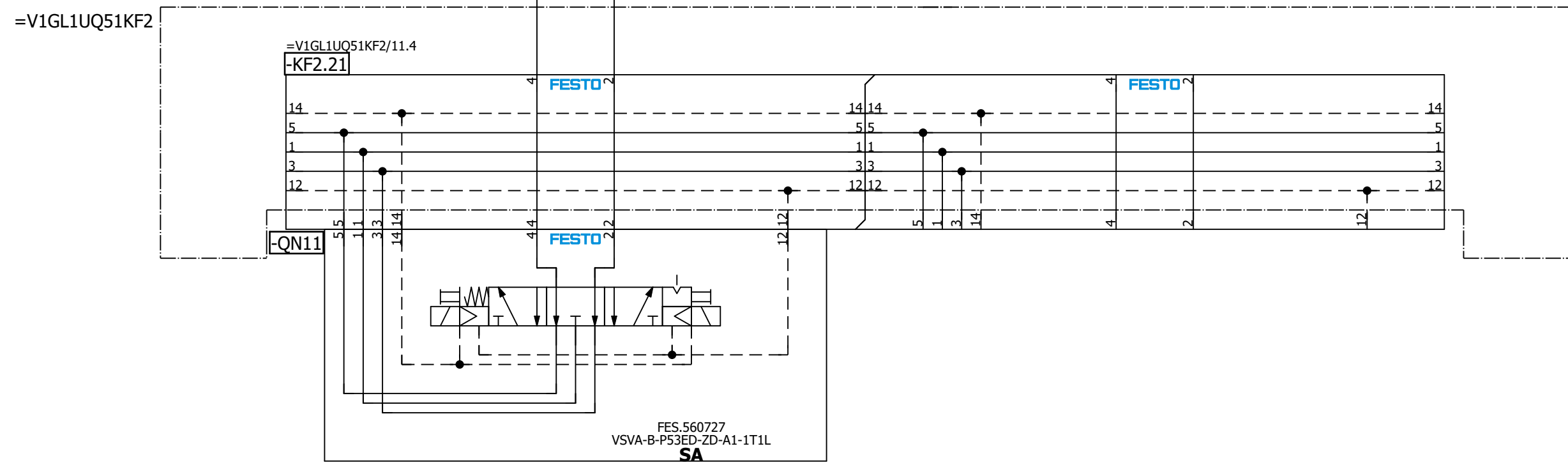
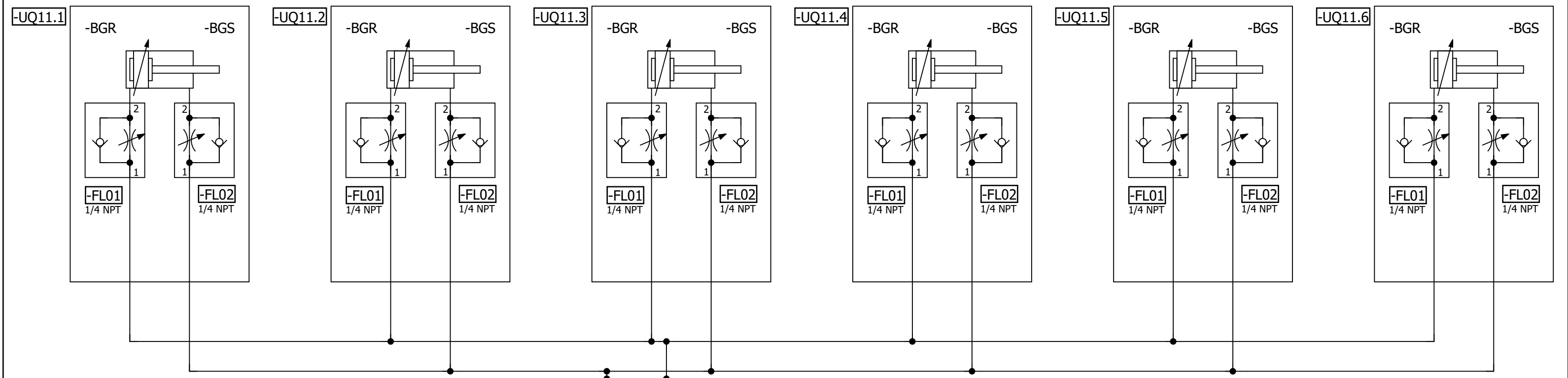
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-UQ9-QN9.1
Shot Pin 9
(RST)

=V1GL1UQ51
-UQ9-QN9.2
Shot Pin 9
(SET)

=V1GL1UQ51UQ8/1

=V1GL1UQ51UQ10/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 9	Drawing name:		= V1GL1UQ51UQ9
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ51
Appr			Replacement of		Scale 1:1		Document type:		Page
Original			Replaced by				MFS	Project nr:	22-16150
Modification		Date	Name	Original					404



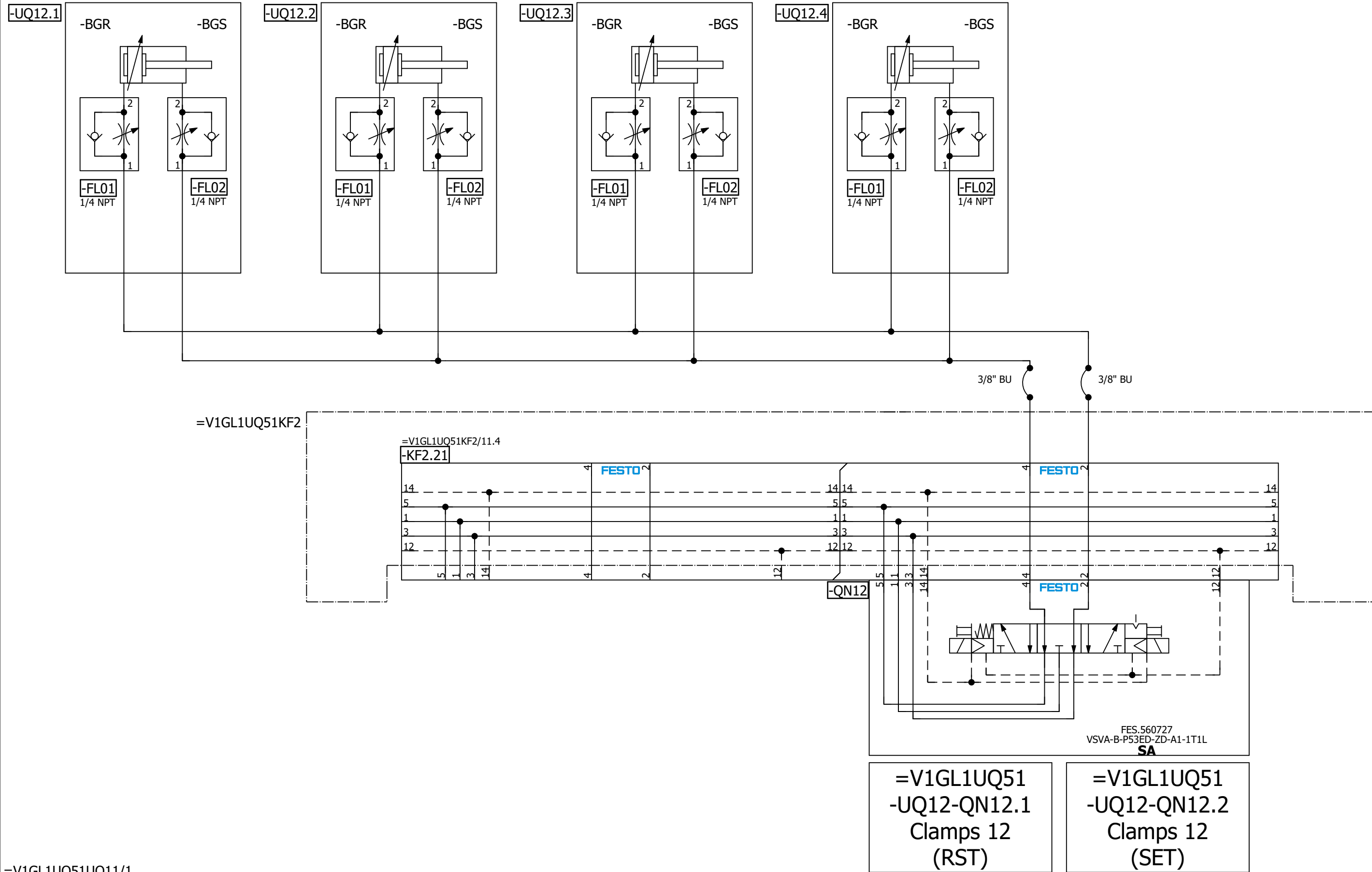
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Clamps 11
(RST)

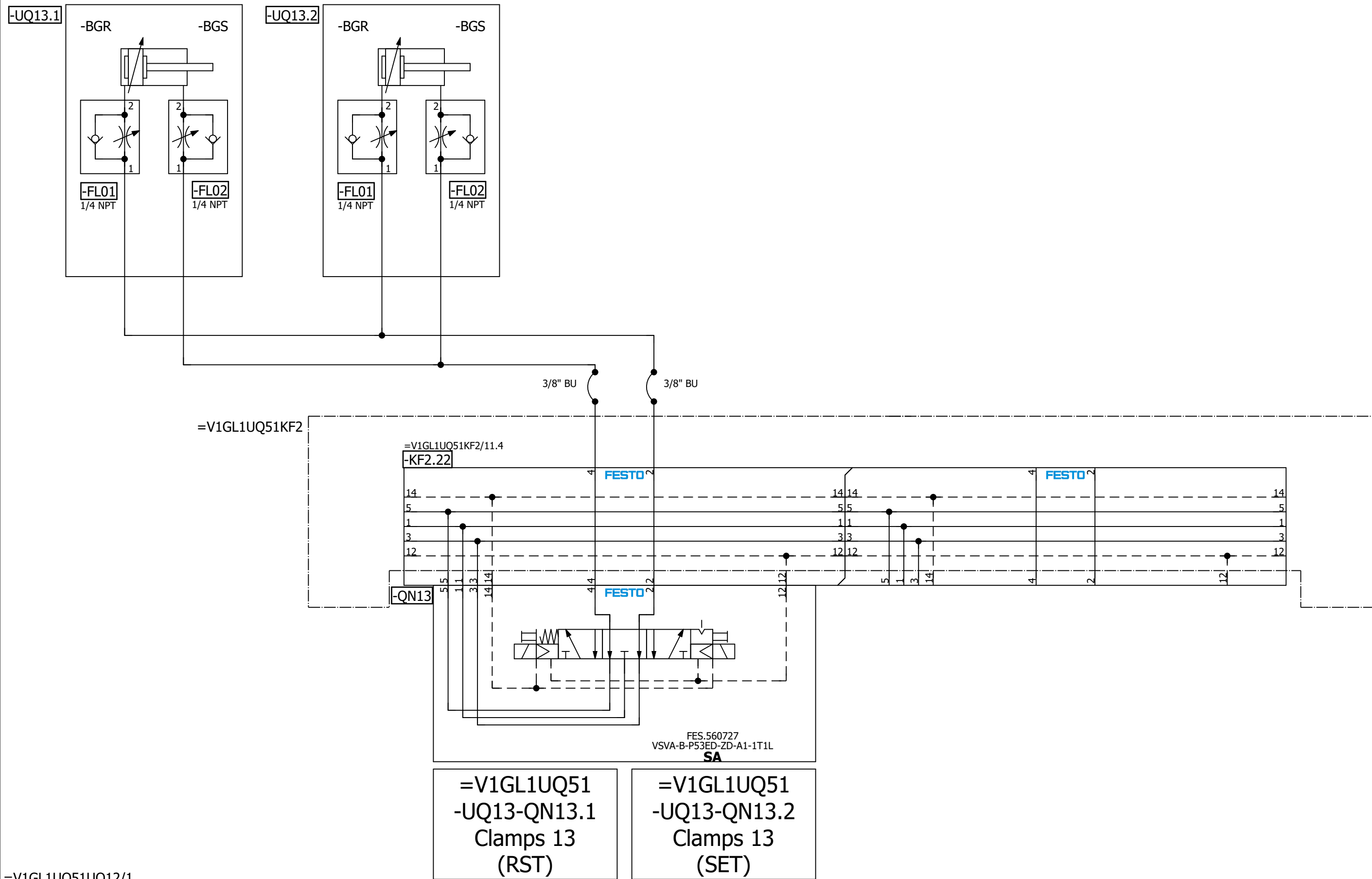
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-UQ11-QN11.2
Clamps 11
(SET)

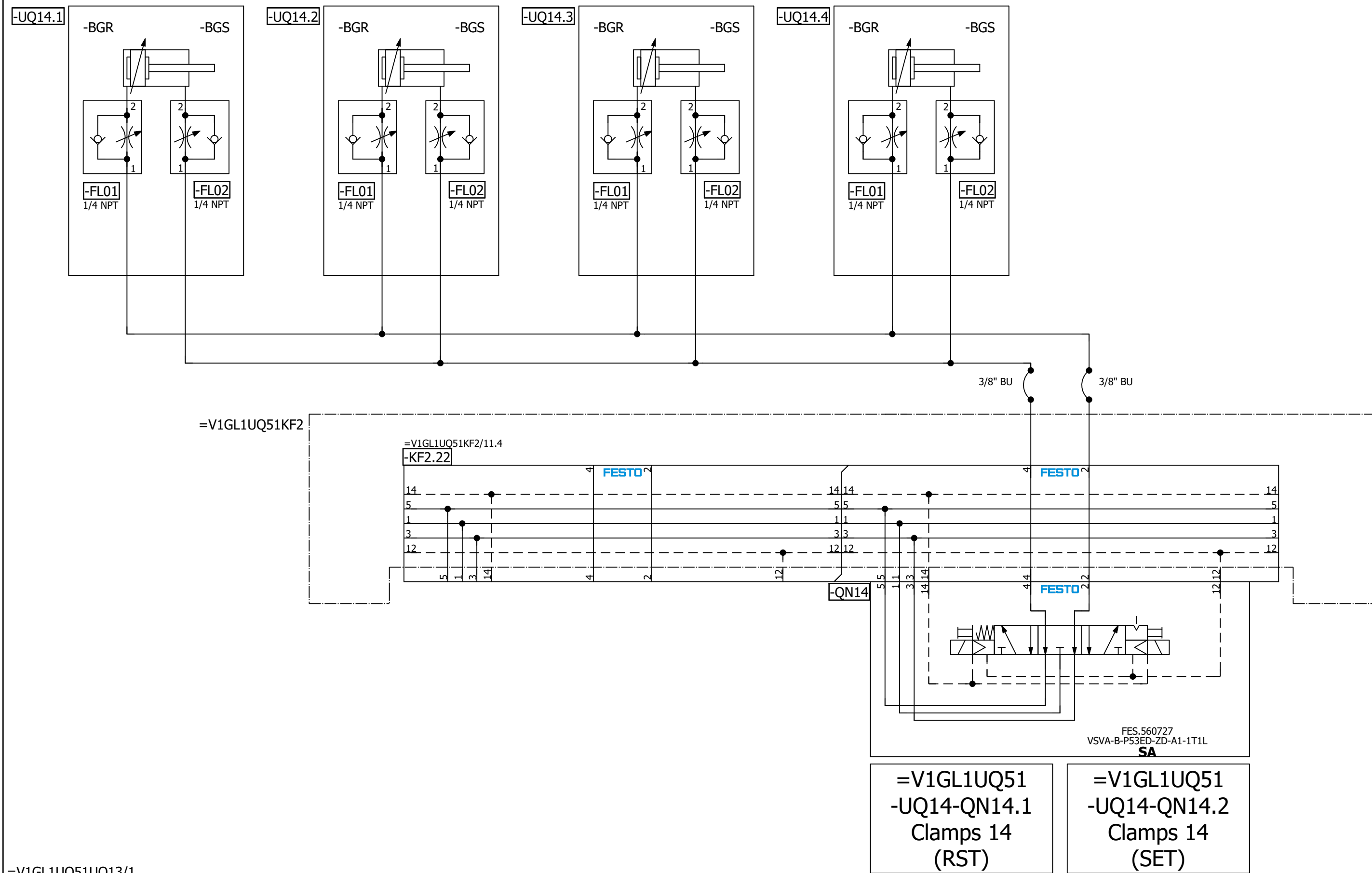
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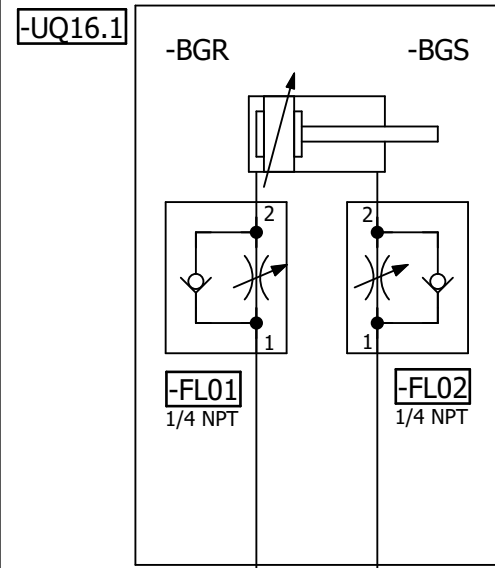
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Appr.: Original		Replacement of: Replaced by:				Project nr: 22-16150		Page 1	
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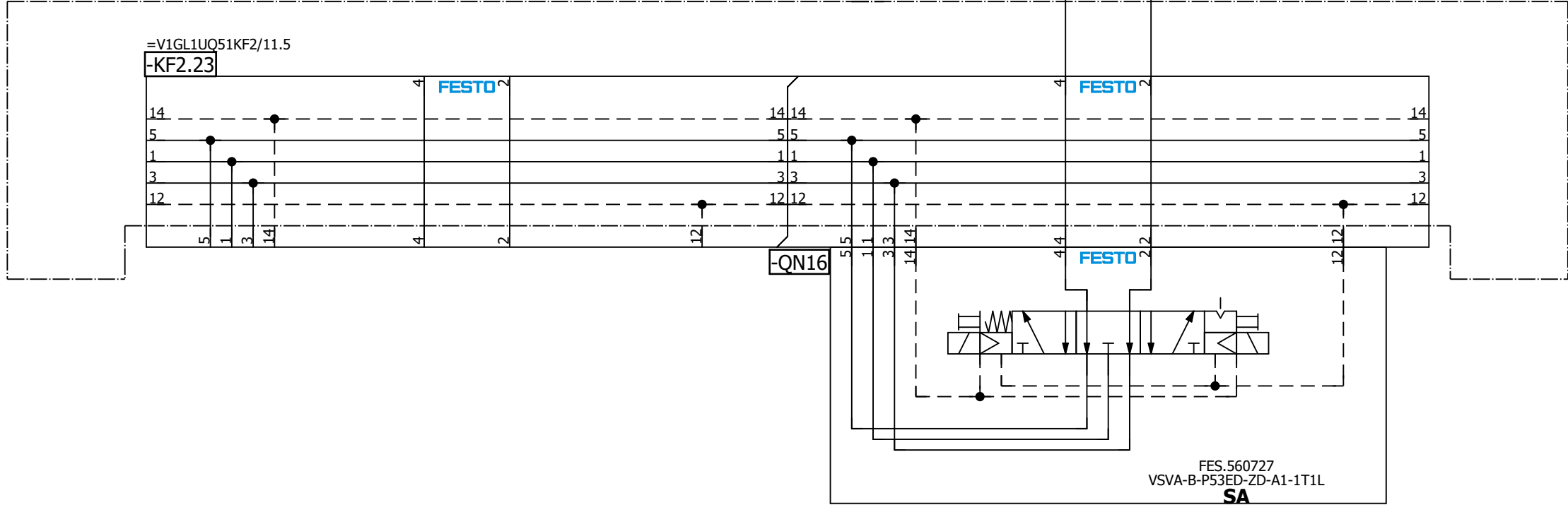








=V1GL1UQ51KF2



=V1GL1UQ51
-UQ16-QN16.1
Clamp 16
(RST)

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

=V1GL1UQ51UQ15/1

Date	1/9/2023
Ed.	MKLEPADLO
Appr.	
Original	

Volvo Trucks North America
P6700 Bodyside LH - Robot Cell 2V09
Replacement of Replaced by

Valiant TMS
Scale 1:1

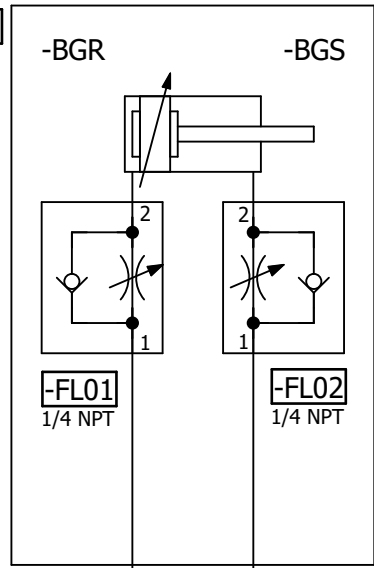
Clamp 16

Drawing name:
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Document type: MFS
Project nr:
22-16150

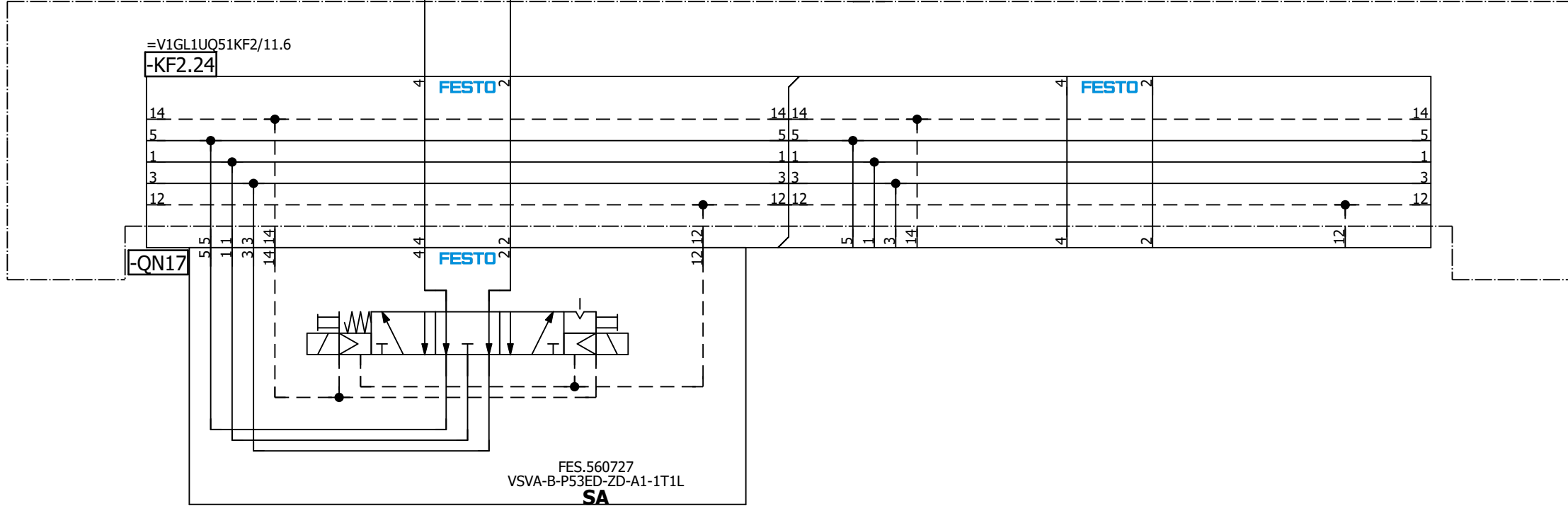
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+ V1GL1UQ51
Page 1
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=V1GL1UQ51UQ17/1

-UQ17.1



=V1GL1UQ51KF2



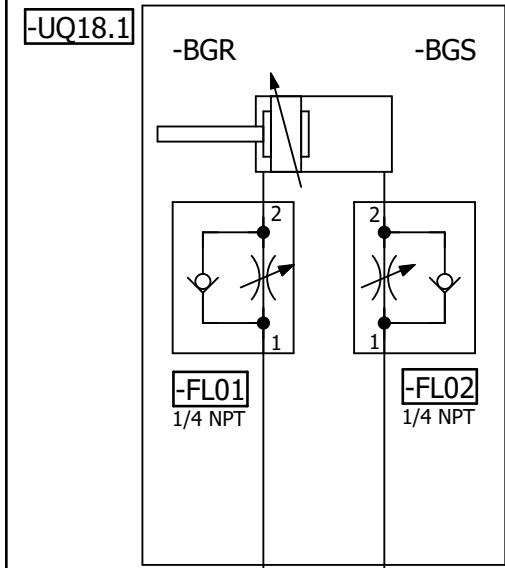
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Clamp 17
(RST)

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-UQ17-QN17.2
Clamp 17
(SET)

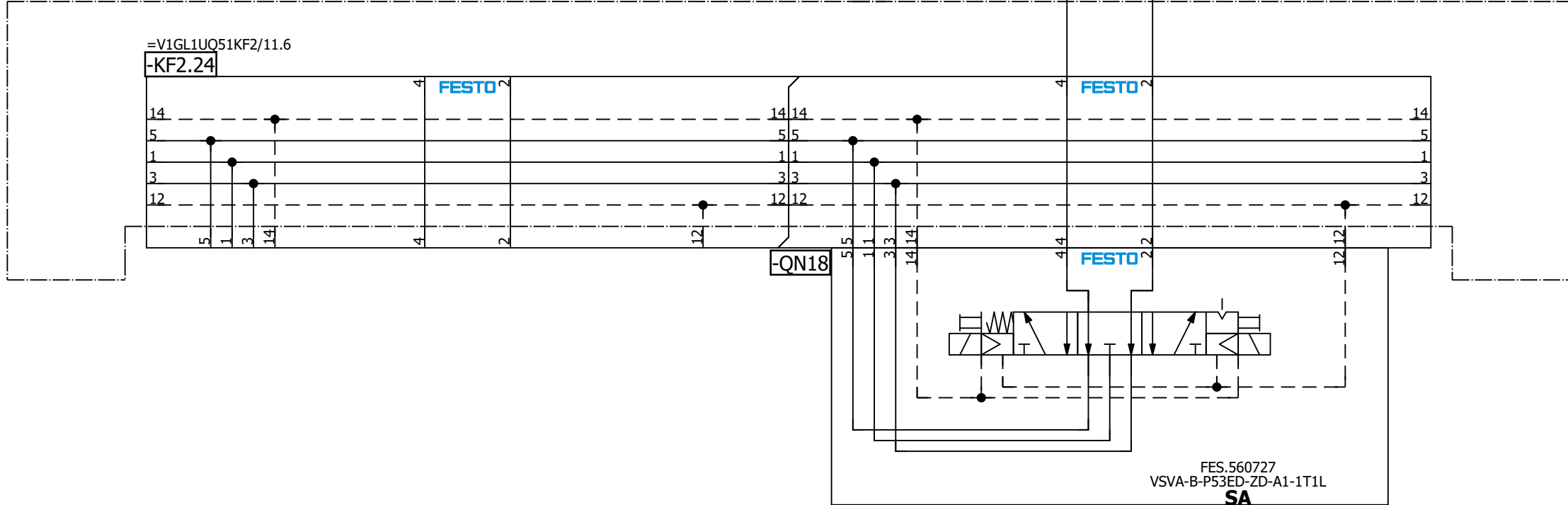
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=V1GL1UQ51UQ18/1

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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ51
Appr.			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
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=V1GL1UQ51KF2

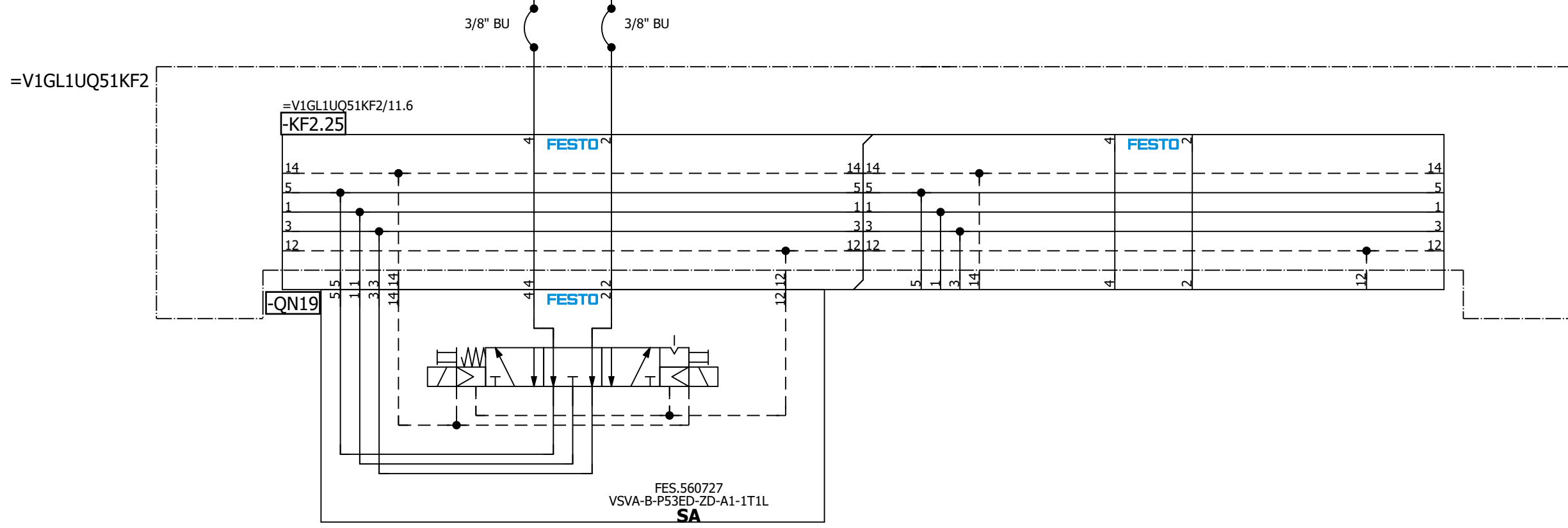
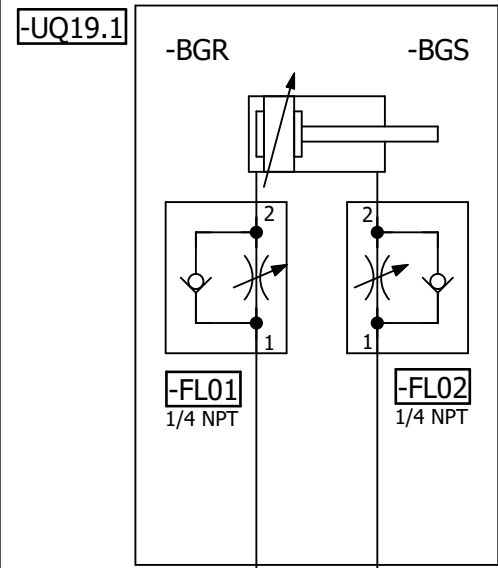


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-UQ18-QN18.1
Shot Pin 18
(RST)

=V1GL1UQ51
-UQ18-QN18.2
Shot Pin 18
(SET)

=V1GL1UQ51UQ17/1 =V1GL1UQ51UQ19/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 18	Drawing name: =2V09&MFS-PNEU	= V1GL1UQ51UQ18 + V1GL1UQ51
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
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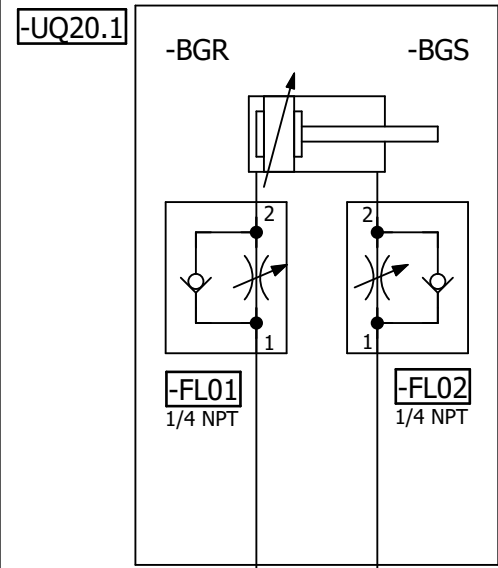
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Clamp 19
(RST)

=V1GL1UQ51
-UQ19-QN19.2
Clamp 19
(SET)

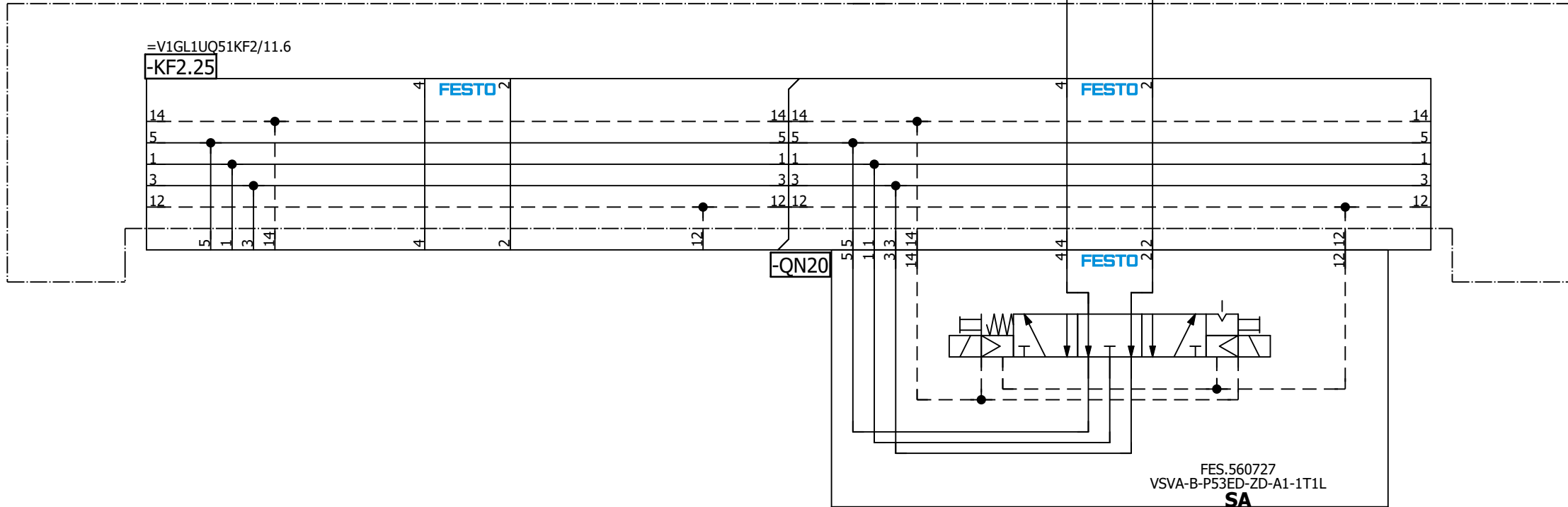
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ51
Appr			Replacement of		Scale 1:1		Document type:		Page
Original			Replaced by				MFS	Project nr:	22-16150
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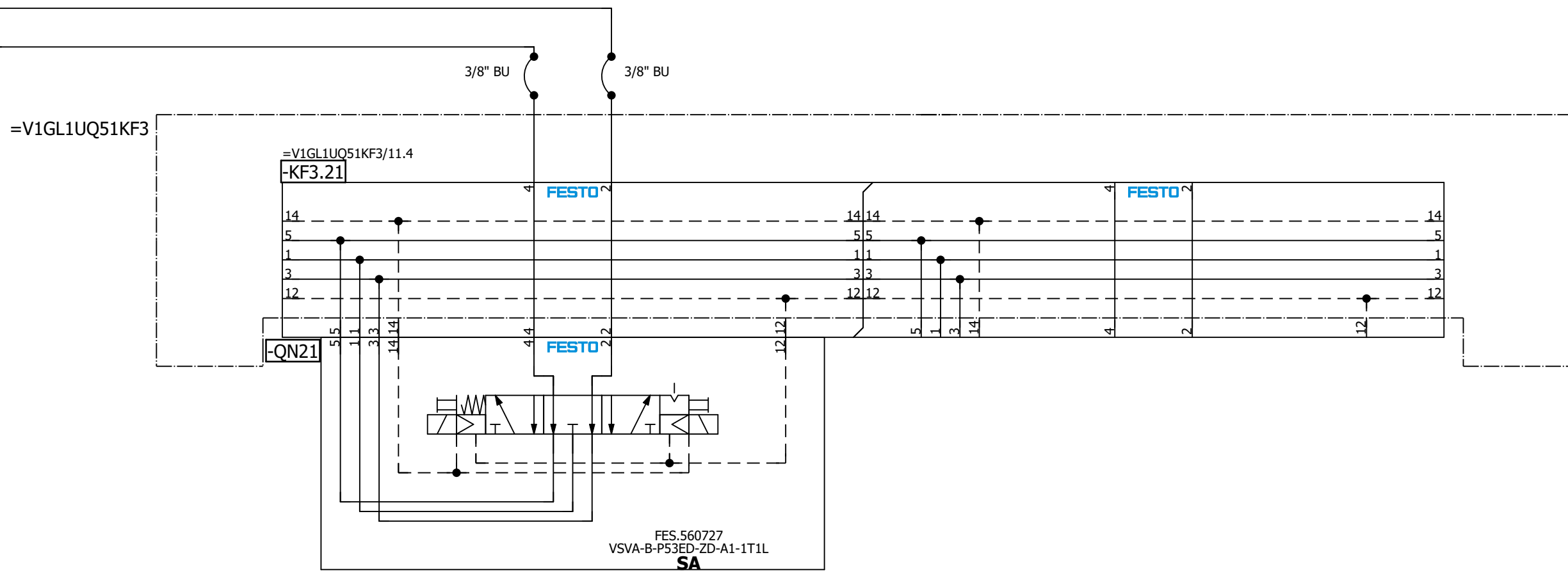
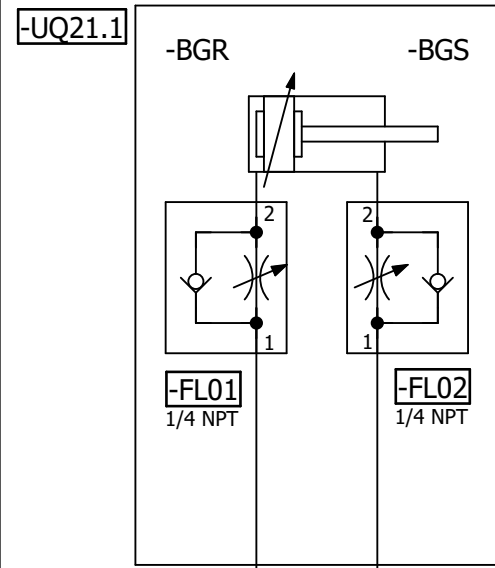
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=V1GL1UQ51
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Clamp 20
(RST)

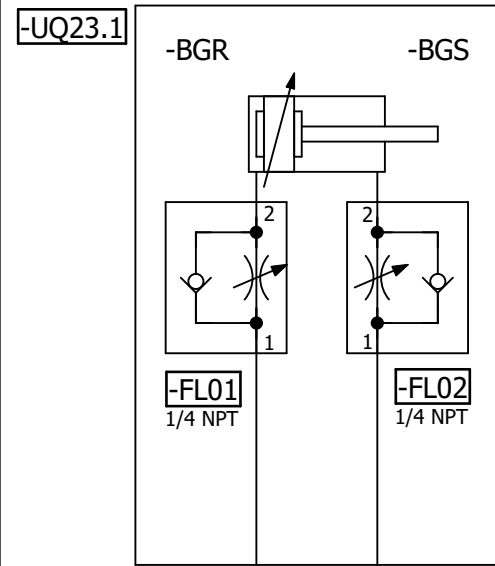
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Clamp 20
(SET)

=V1GL1UQ51UQ21/1

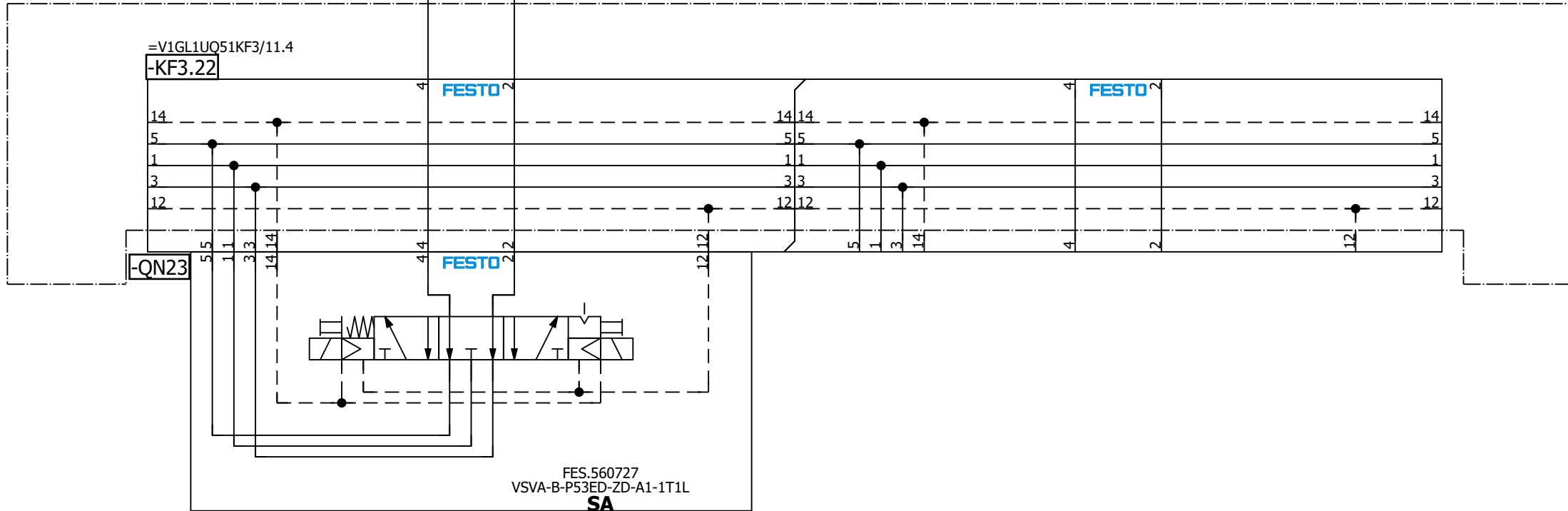


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-UQ21-QN21.1
Clamp 21
(RST)

=V1GL1UQ51
-UQ21-QN21.2
Clamp 21
(SET)



=V1GL1UQ51KF3



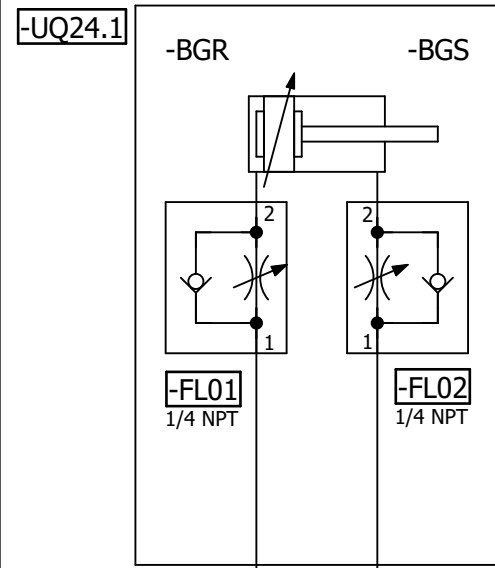
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-UQ23-QN23.1
Clamp 23
(RST)

=V1GL1UQ51
-UQ23-QN23.2
Clamp 23
(SET)

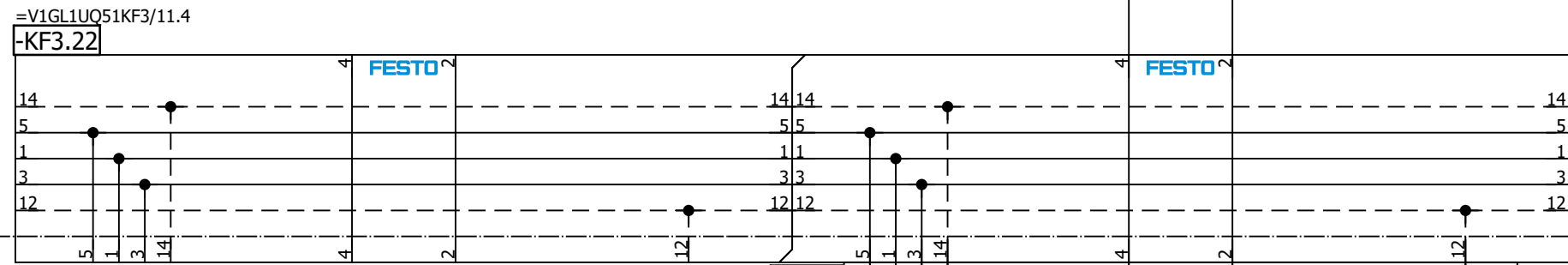
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=V1GL1UQ51UQ24/1

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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ51
Appr			Replacement of		Scale 1:1		Document type:		Page
Original			Replaced by				MFS	Project nr:	22-16150
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=V1GL1UQ51KF3



=V1GL1UQ51
-UQ24-QN24.1
Clamp 24
(RST)

=V1GL1UQ51
-UQ24-QN24.2
Clamp 24
(SET)

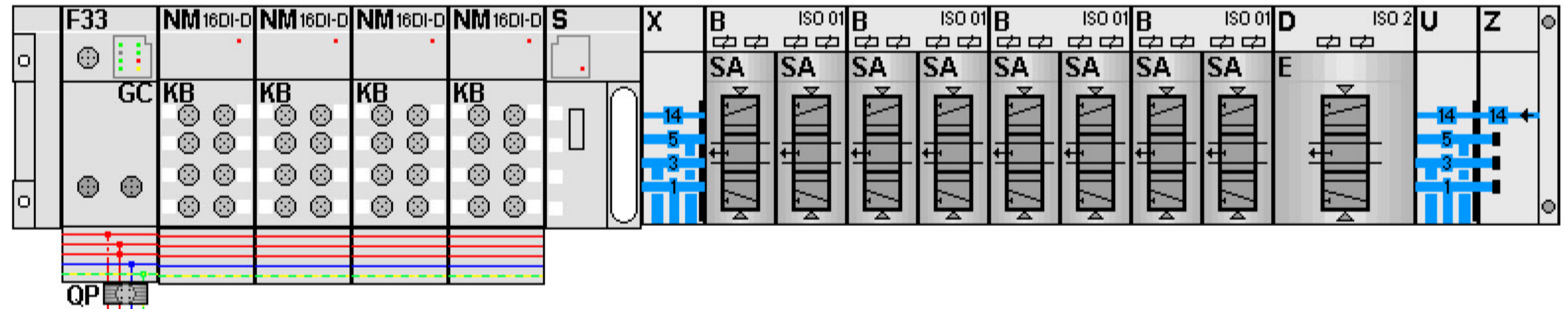
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SA

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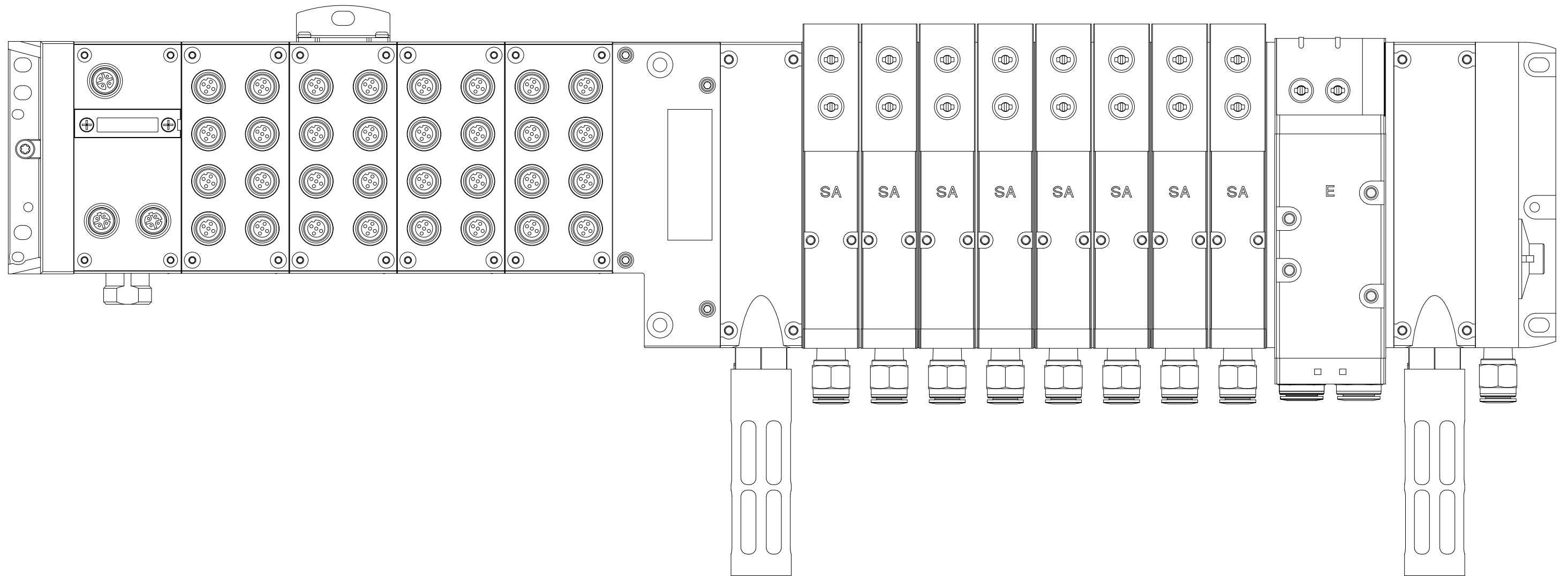
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
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M1 M2 M3 M4 M5



KF1.0

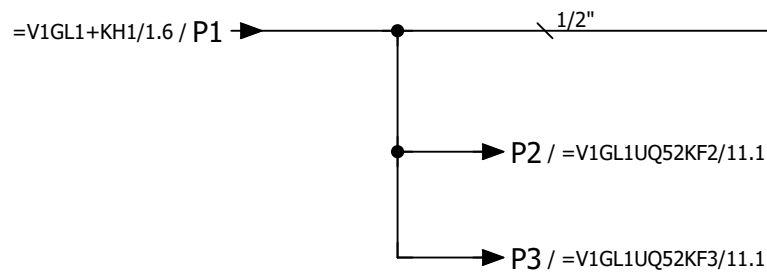
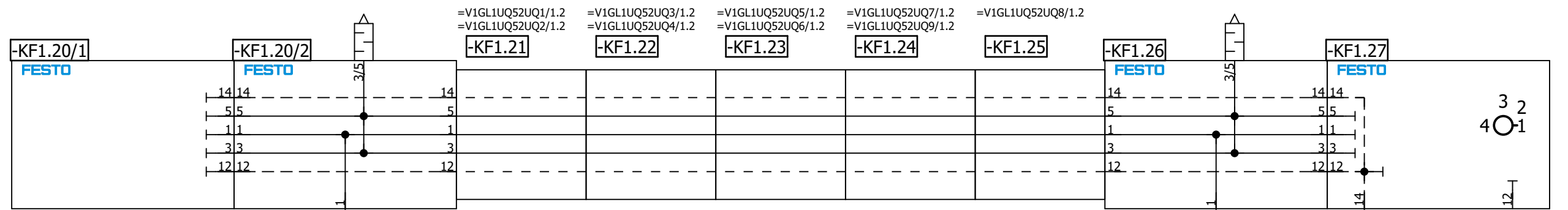
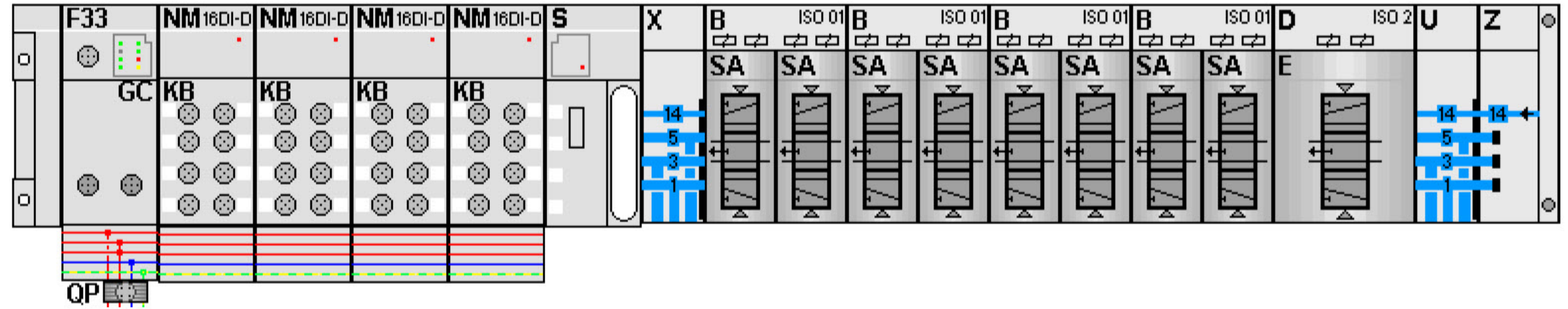


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11

		Date	1/9/2023	Volvo Trucks North America	Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name:		= V1GL1UQ52KF1
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		Appr		Replacement of	Replaced by	Scale 1:1	Document type:	Project nr:	Page
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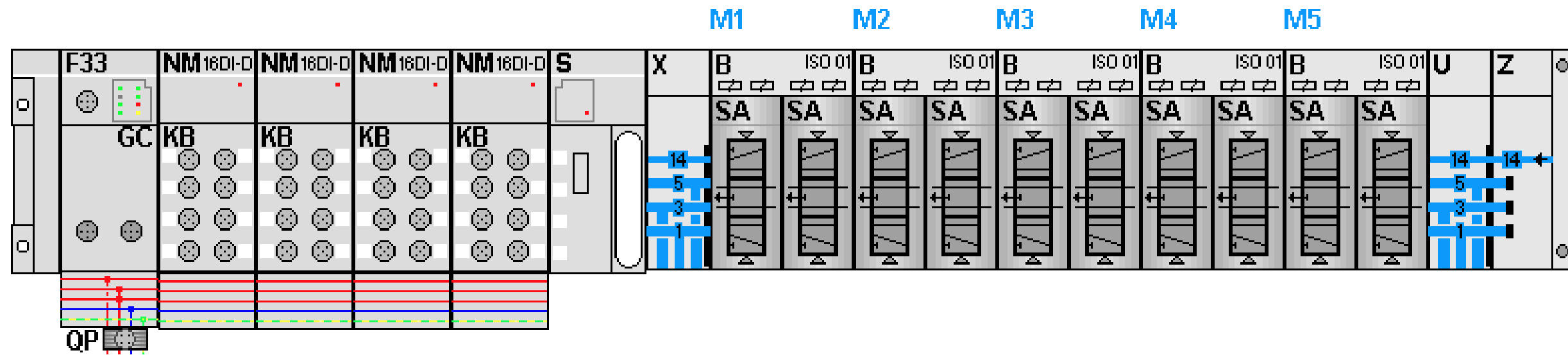
M1 M2 M3 M4 M5



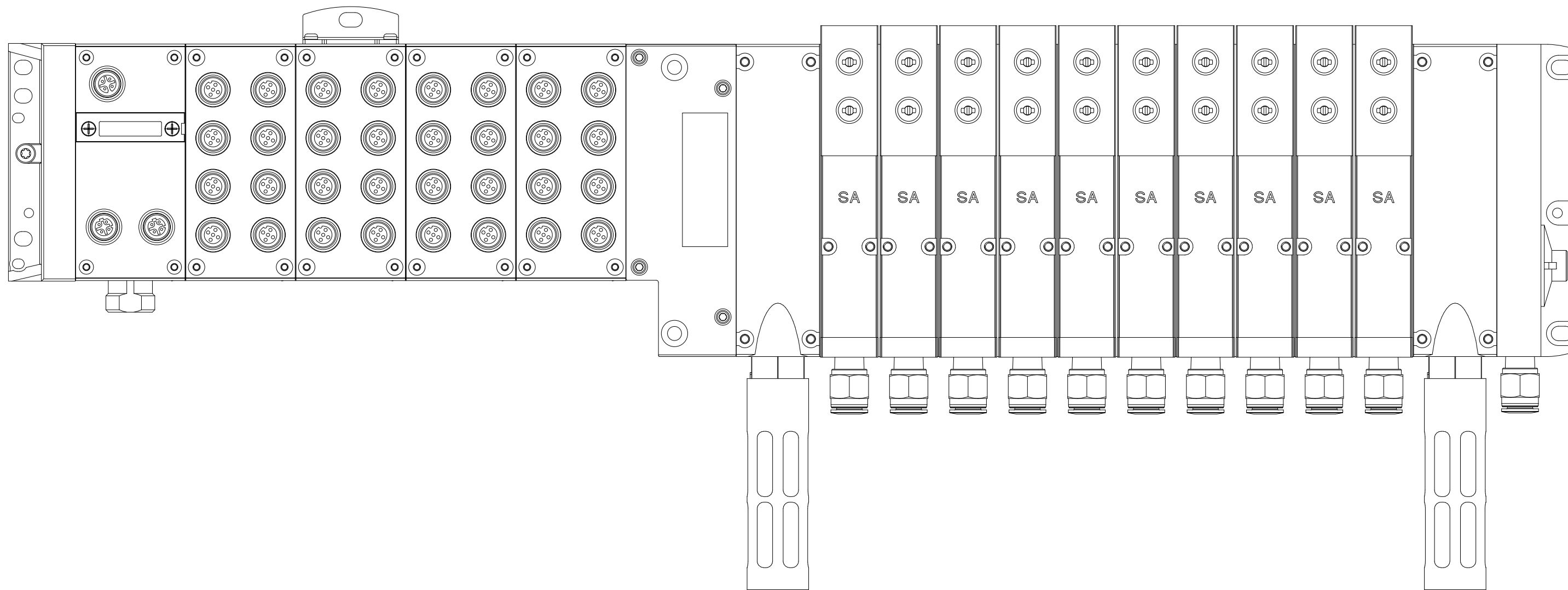
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Appr			Replacement of		Scale 1:1		Document type:		Project nr:	
Original			Replaced by				MFS		22-16150	
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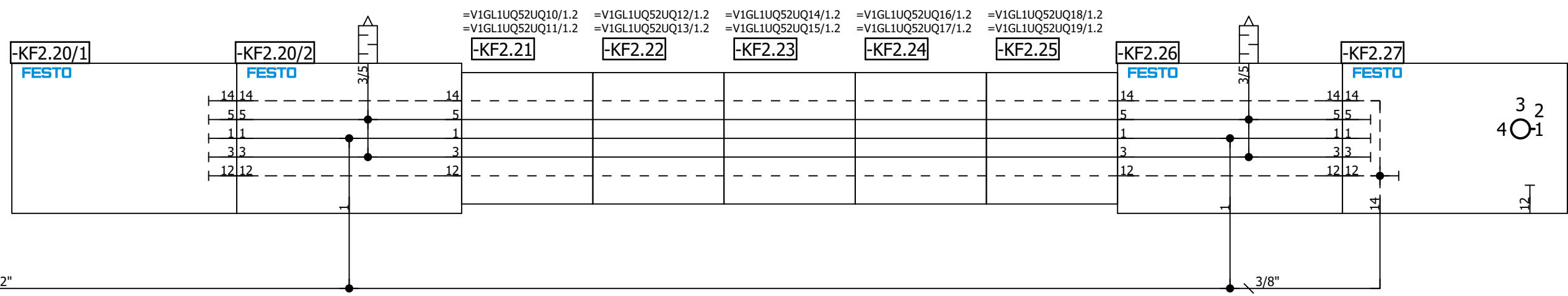
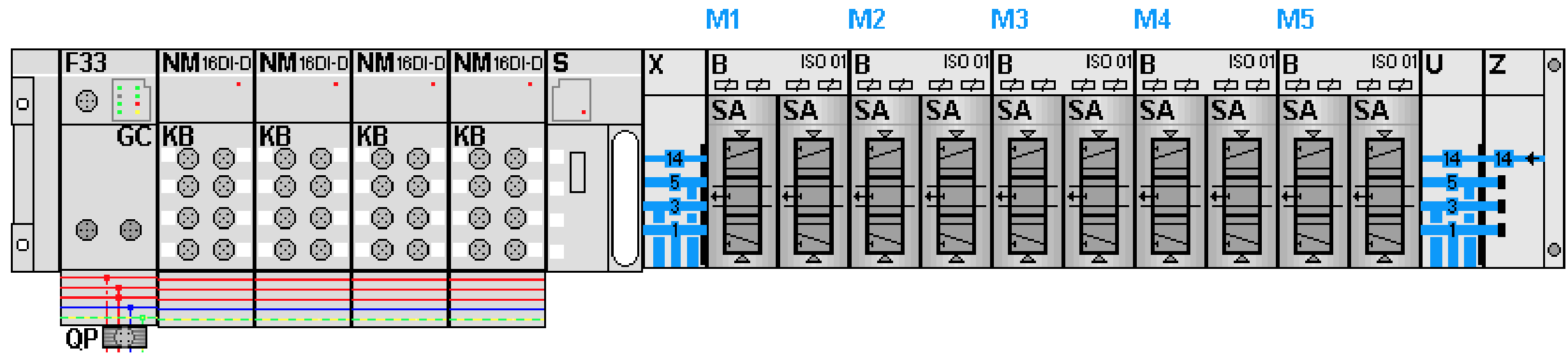
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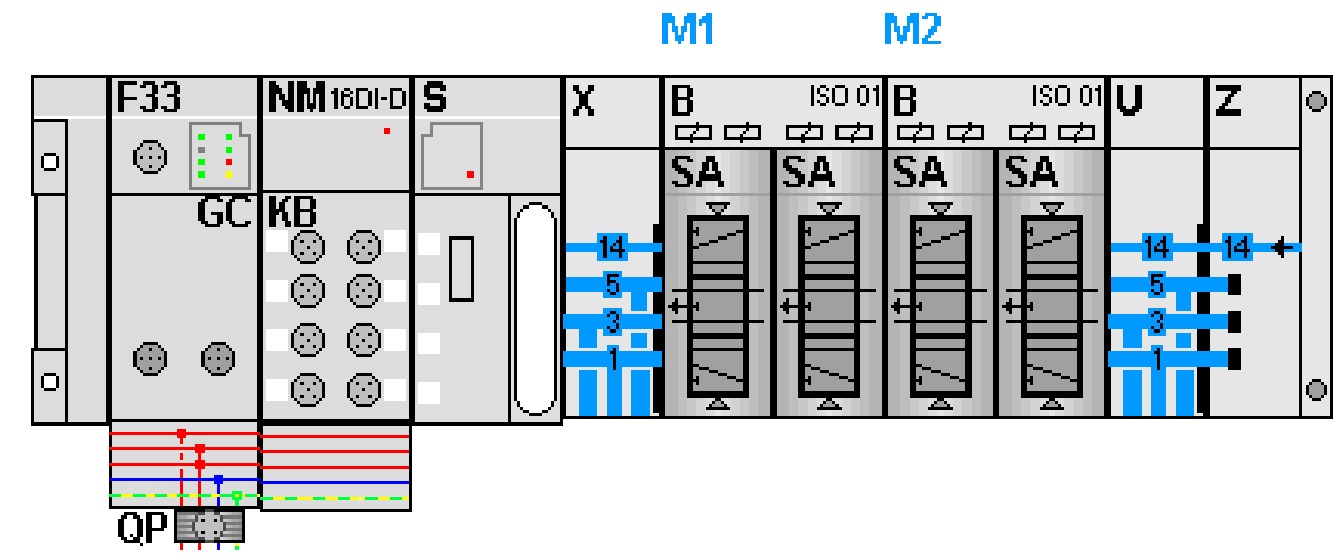
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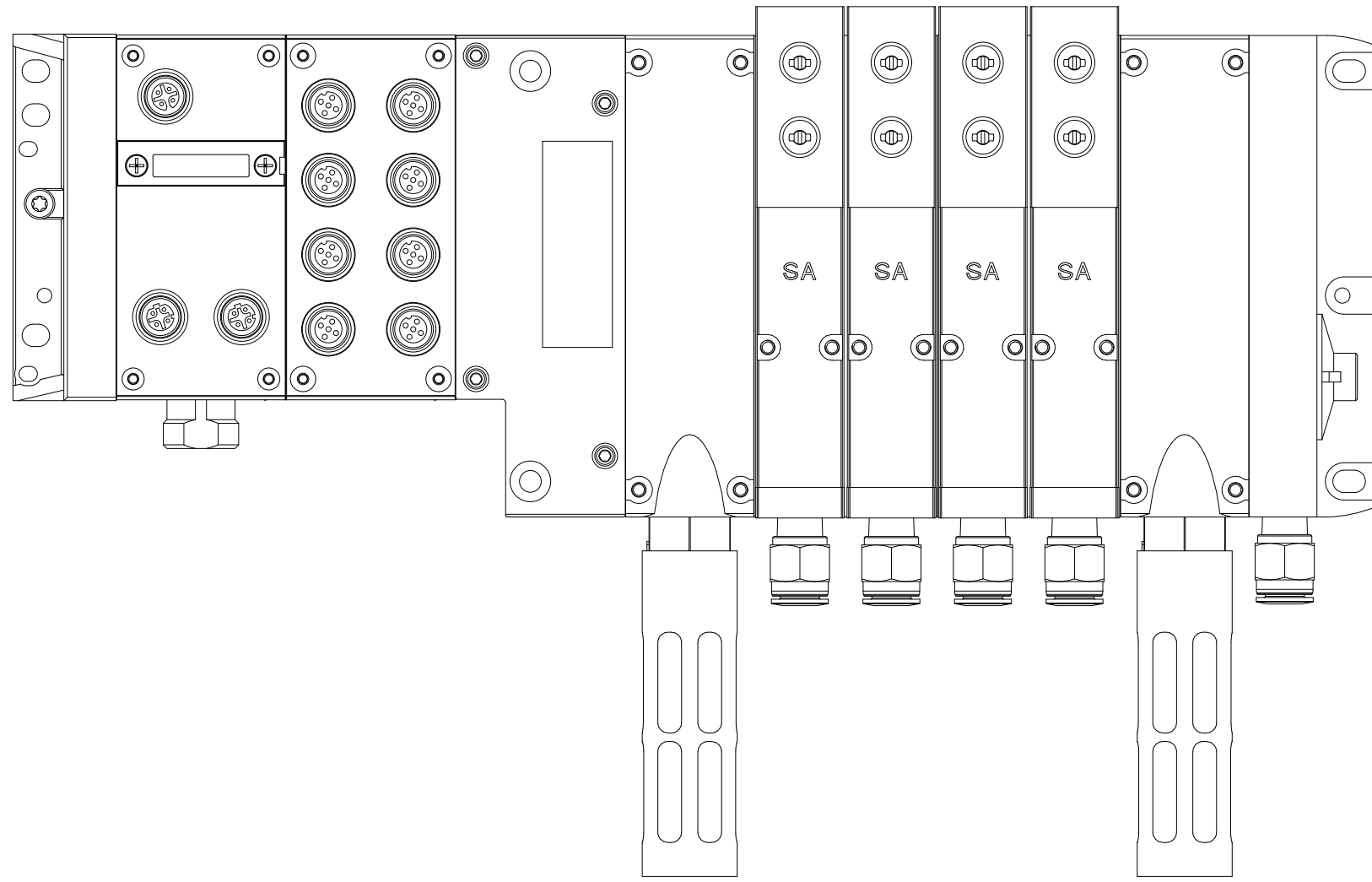
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Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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Date		1/9/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1GL1UQ52KF2			
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ52			
Appr.			Replacement of		Scale 1:1	Document type:		MFS	Project nr:	22-16150	Page	11
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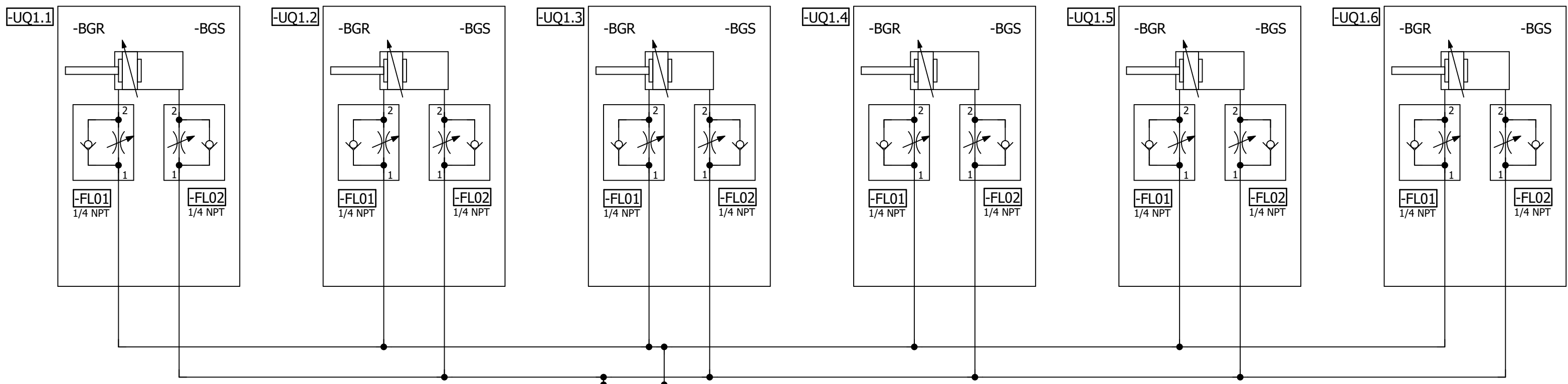


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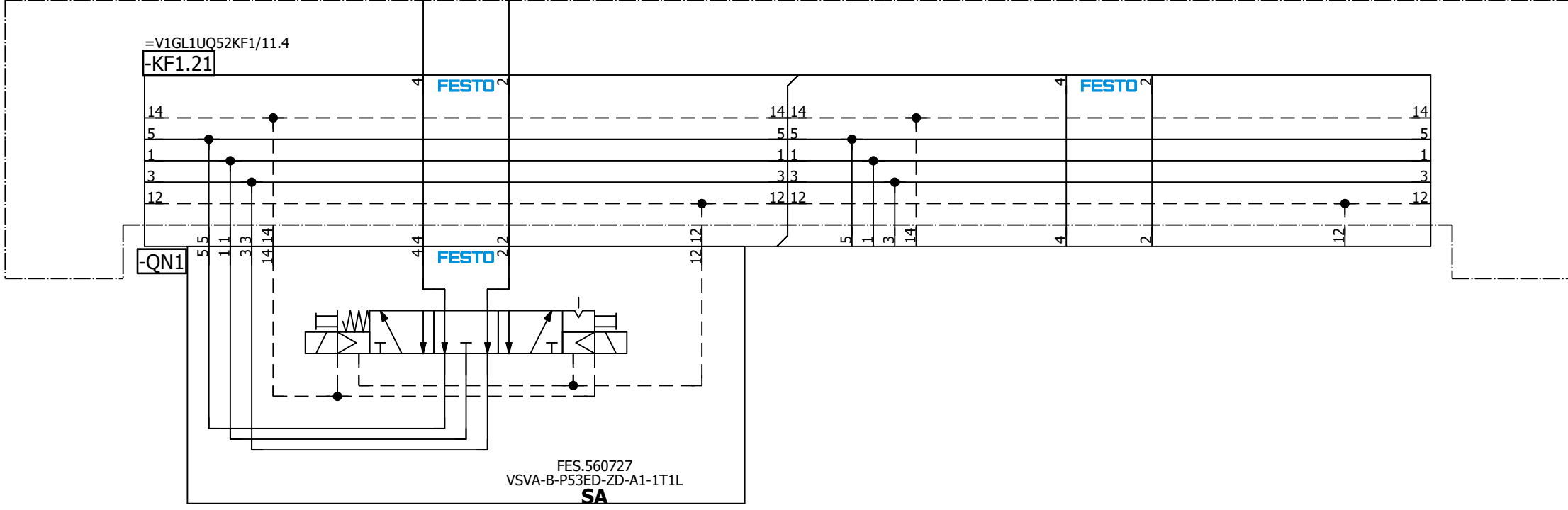


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Volvo Trucks North America		Valiant TMS		AIR SUPPLY CONFIGURATION		Drawing name: =2V09&MFS-PNEU		= V1GL1UQ52KF3	
P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type: MFS		Project nr: 22-16150	
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=V1GL1UQ52KF1



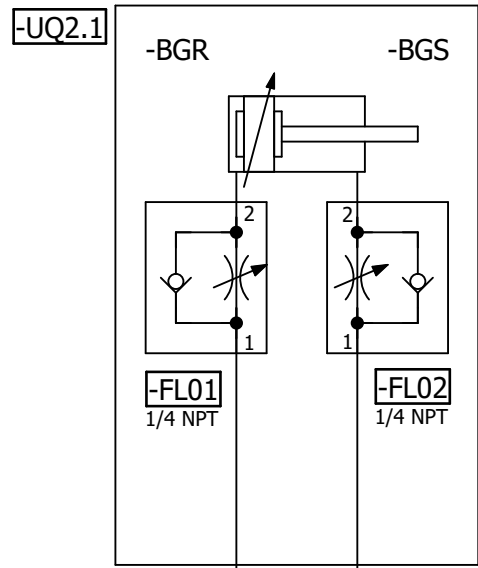
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Shot Pins 1
(RST)

=V1GL1UQ52
-UQ1-QN1.2
Shot Pins 1
(SET)

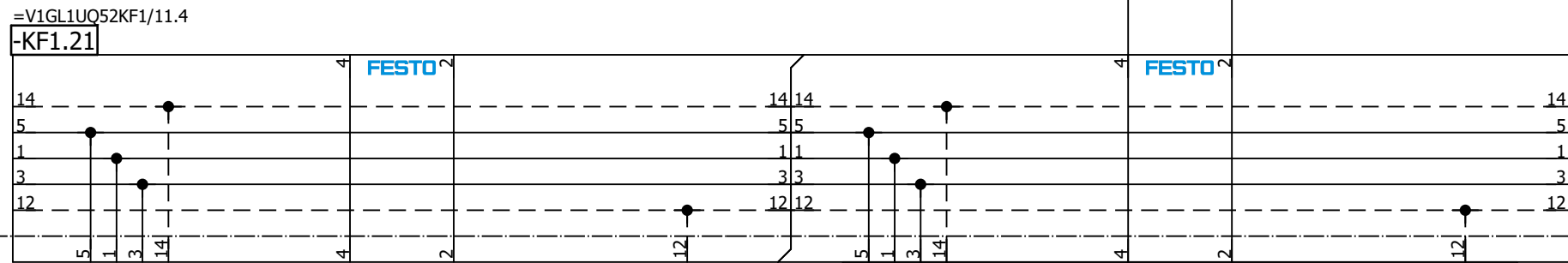
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Appr.			Replacement of		Replaced by				Page		1	
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=V1GL1UQ52
-UQ2-QN2.1
Shot Pin 2
(RST)

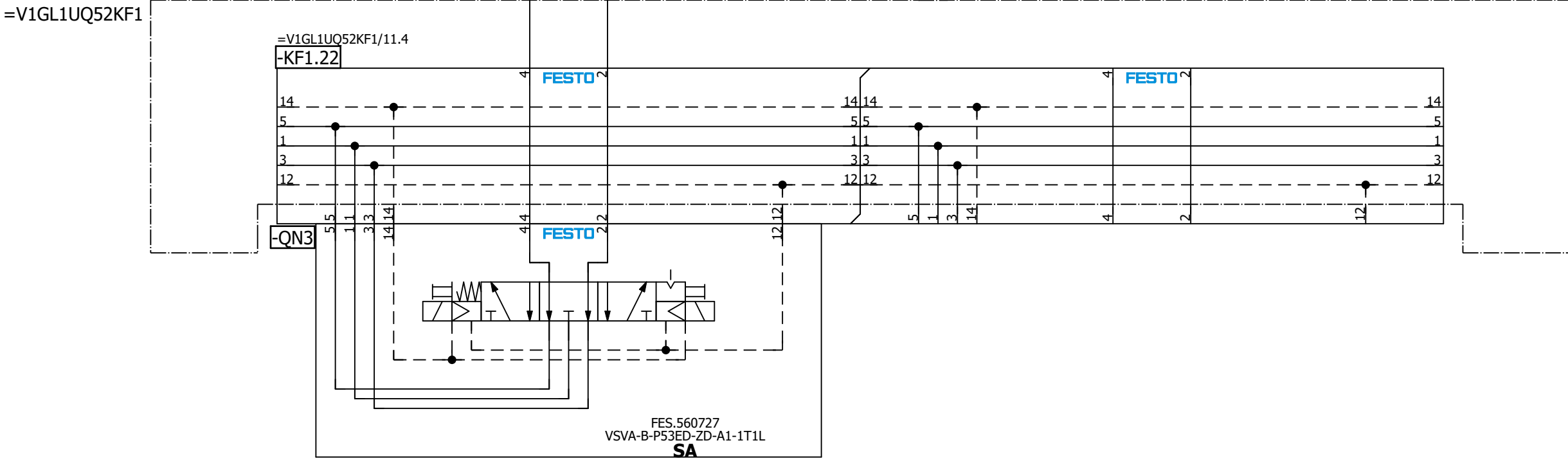
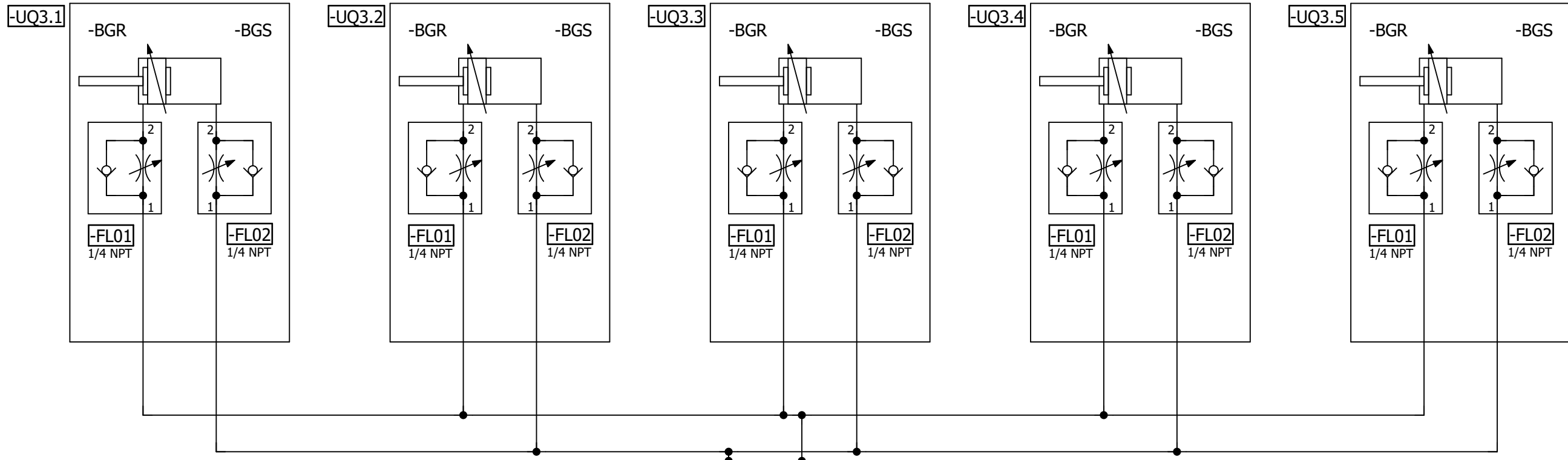
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-UQ2-QN2.2
Shot Pin 2
(SET)

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

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=V1GL1UQ52UQ3/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 2	Drawing name: =2V09&MFS-PNEU	= V1GL1UQ52UQ2 + V1GL1UQ52
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
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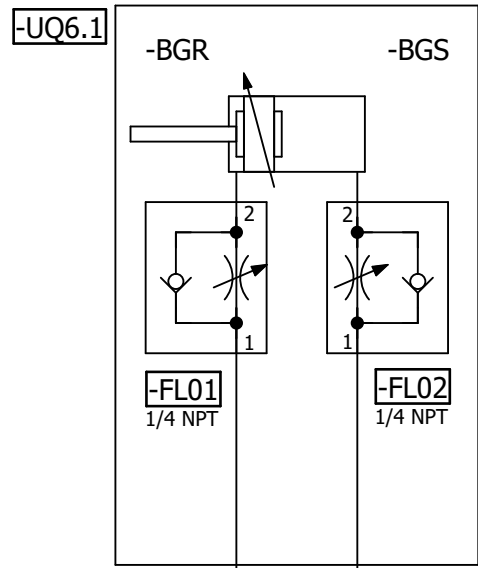


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Shot Pins 3
(RST)

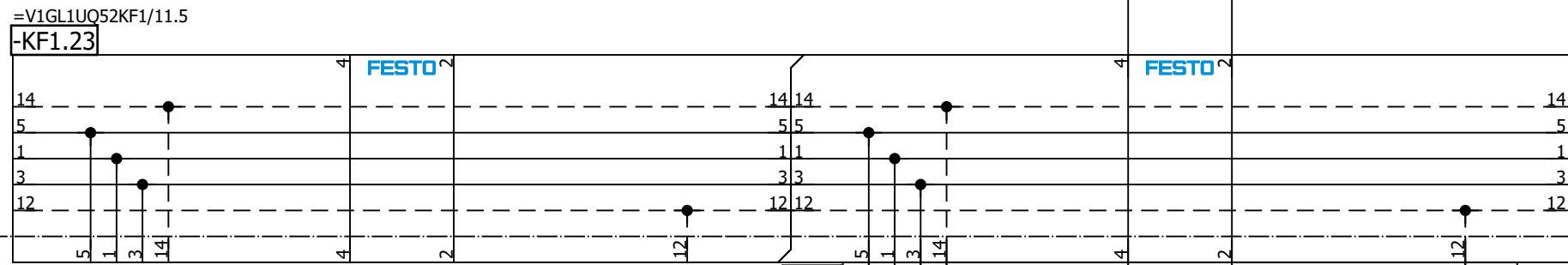
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Shot Pins 3
(SET)

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Date		1/9/2023		Volvo Trucks North America		Valiant TMS		Shot Pins 3		Drawing name:		= V1GL1UQ52UQ3	
Ed.		MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= V1GL1UQ52	
Appr				Replacement of		Replaced by				Project nr:		Page	
Original										22-16150		1	
Modification		Date		Name		Original				MFS		404	



=V1GL1UQ52KF1



=V1GL1UQ52
-UQ6-QN6.1
Shot Pin 6
(RST)

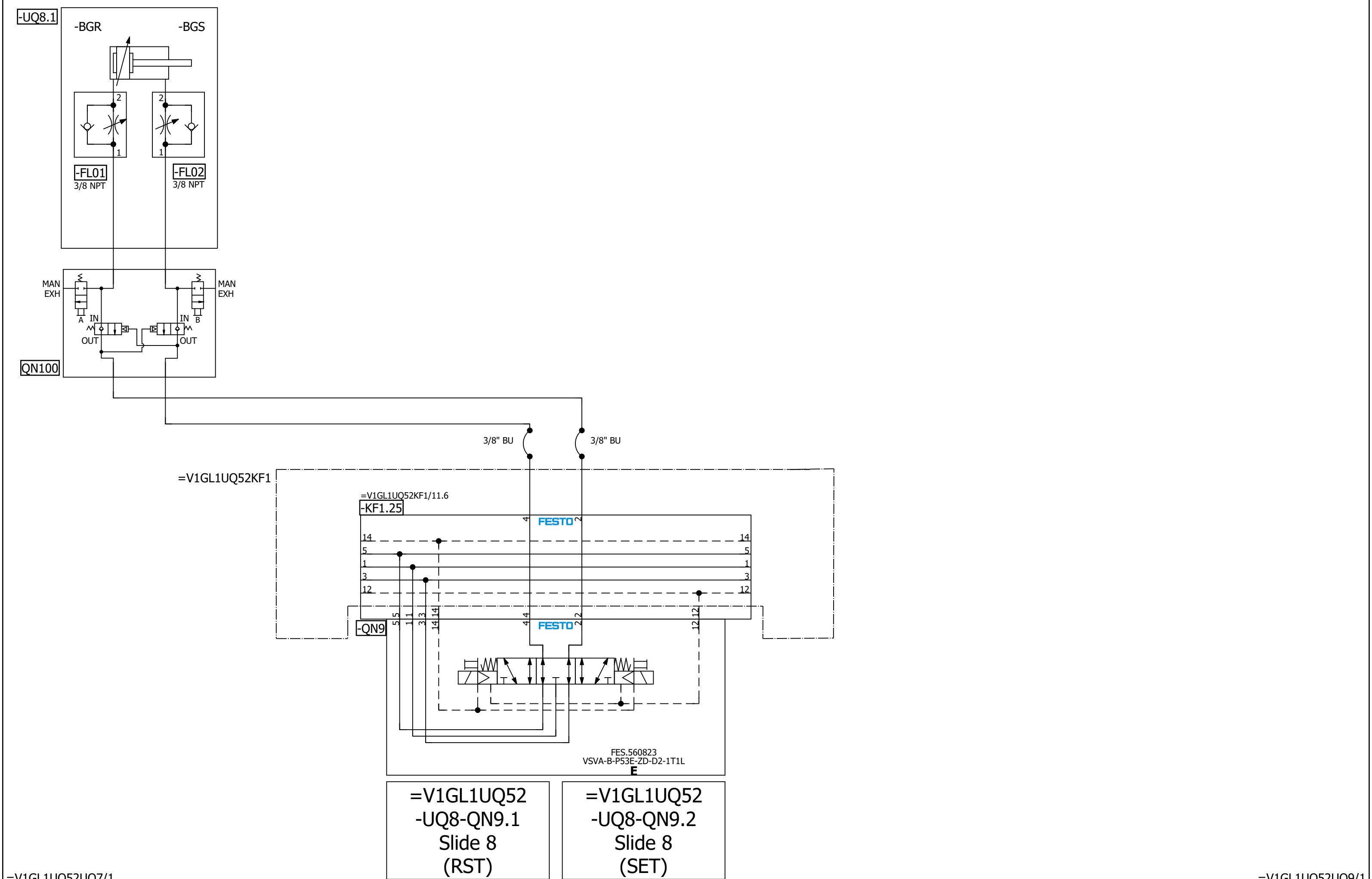
=V1GL1UQ52
-UQ6-QN6.2
Shot Pin 6
(SET)

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

=V1GL1UQ52UQ7/1

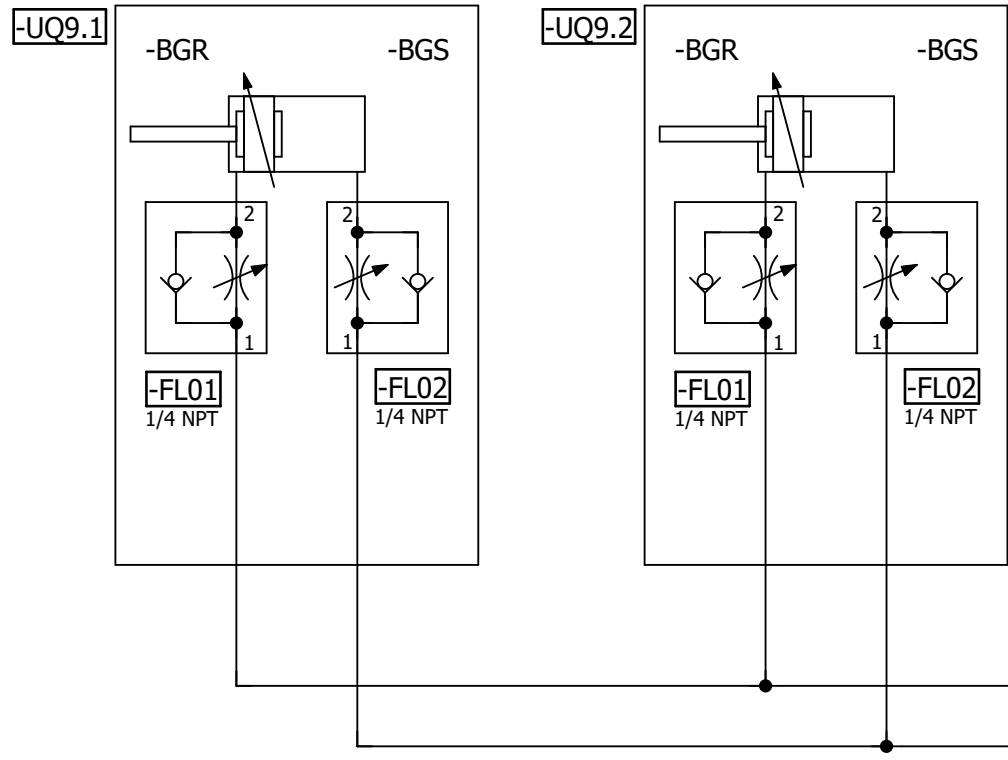
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Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 6	Drawing name:		= V1GL1UQ52UQ6
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ52
Appr			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS	22-16150	
									1
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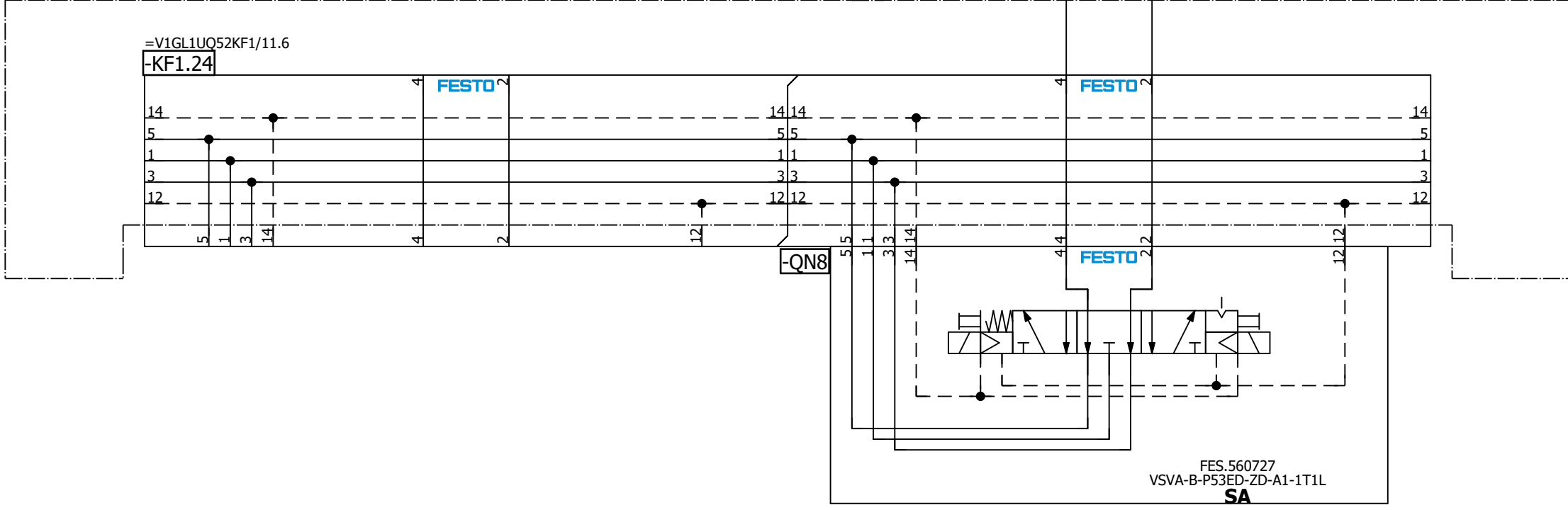


=V1GL1UQ52UQ7/1 =V1GL1UQ52UQ9/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Slide 8	Drawing name:		= V1GL1UQ52UQ8
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ52
Appr.			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
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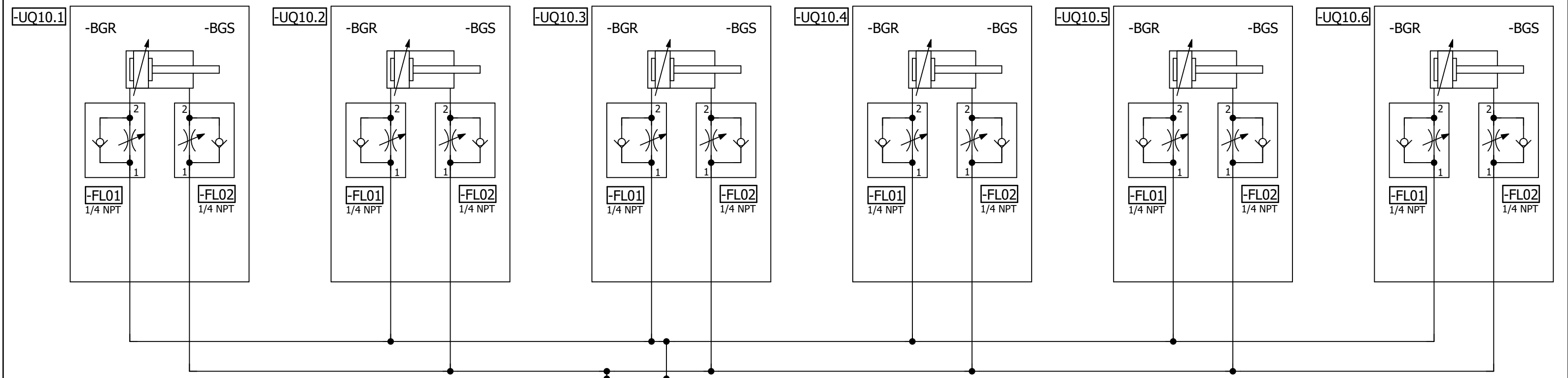
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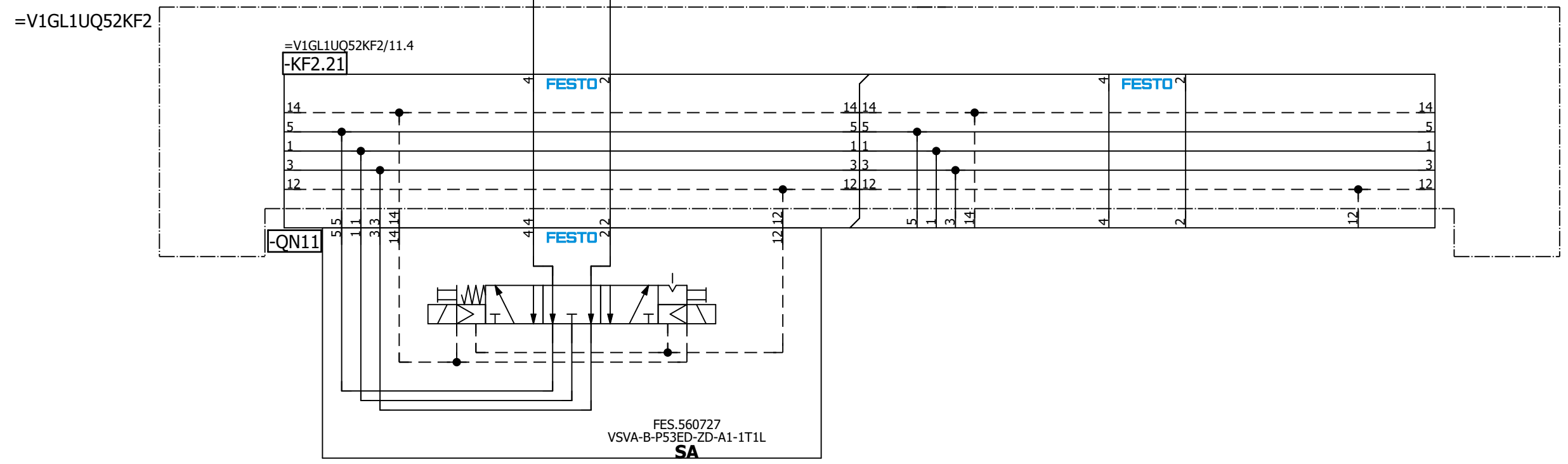
=V1GL1UQ52
-UQ9-QN8.1
Shot Pins 9
(RST)

=V1GL1UQ52
-UQ9-QN8.2
Shot Pins 9
(SET)

=V1GL1UQ52UQ10/1



3/8" BU 3/8" BU

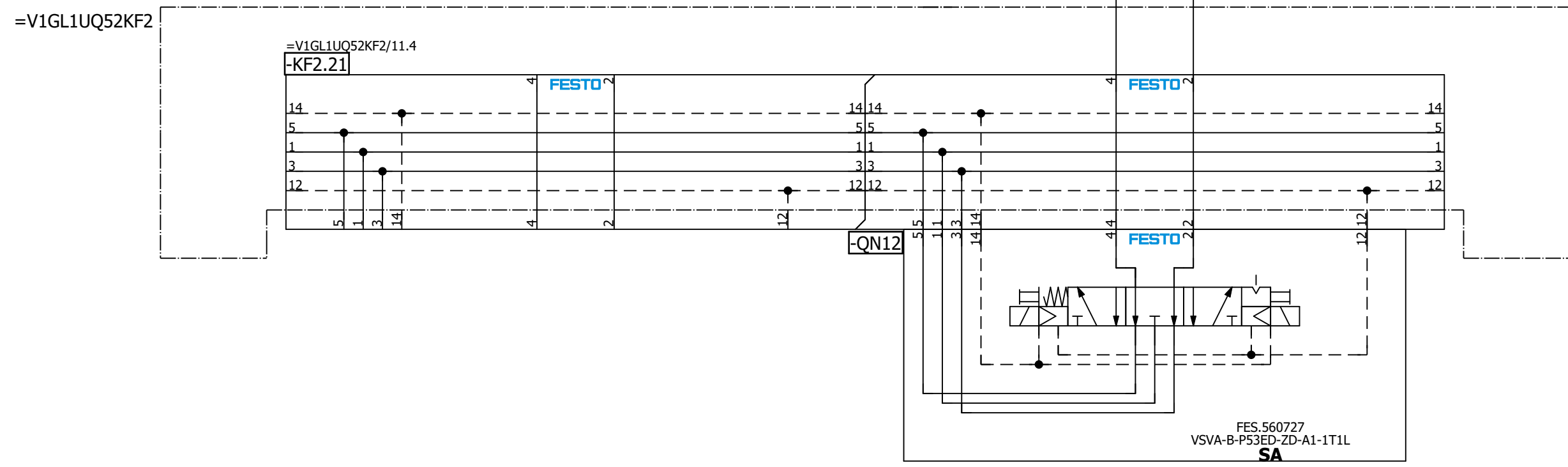
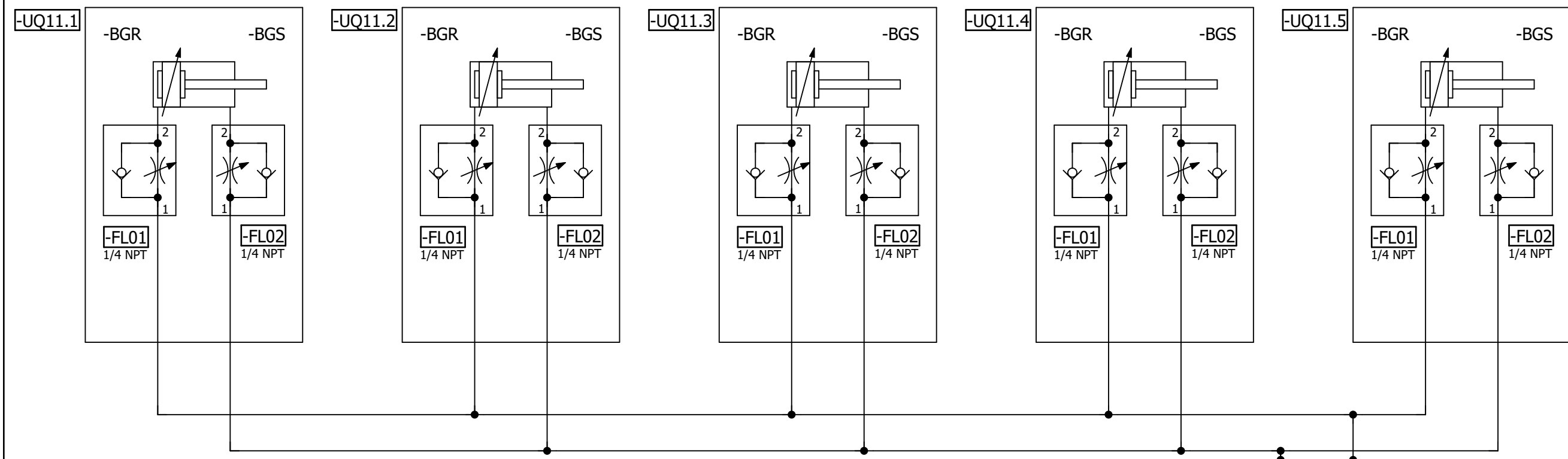


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Clamps 10
(RST)

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-UQ10-QN11.2
Clamps 10
(SET)

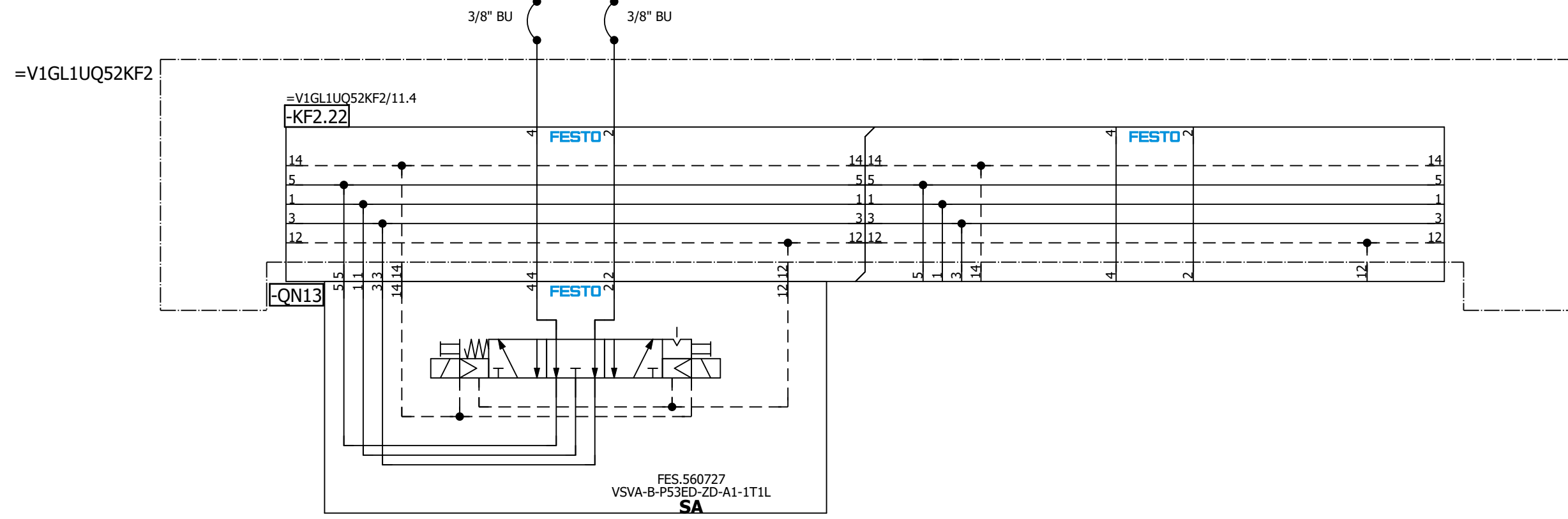
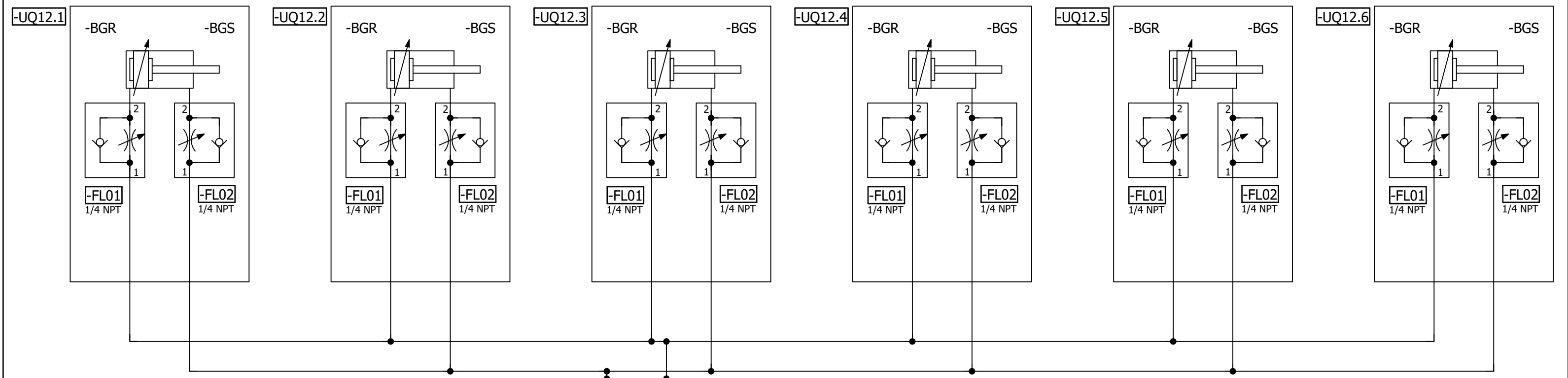
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		+ V1GL1UQ52	
Appr			Replacement of		Replaced by				Project nr:		Page	
Original									22-16150		1	
Modification		Date	Name		Original				MFS		404	



=V1GL1UQ52
-UQ11-QN12.1
Clamps 11
(RST)

=V1GL1UQ52
-UQ11-QN12.2
Clamps 11
(SET)



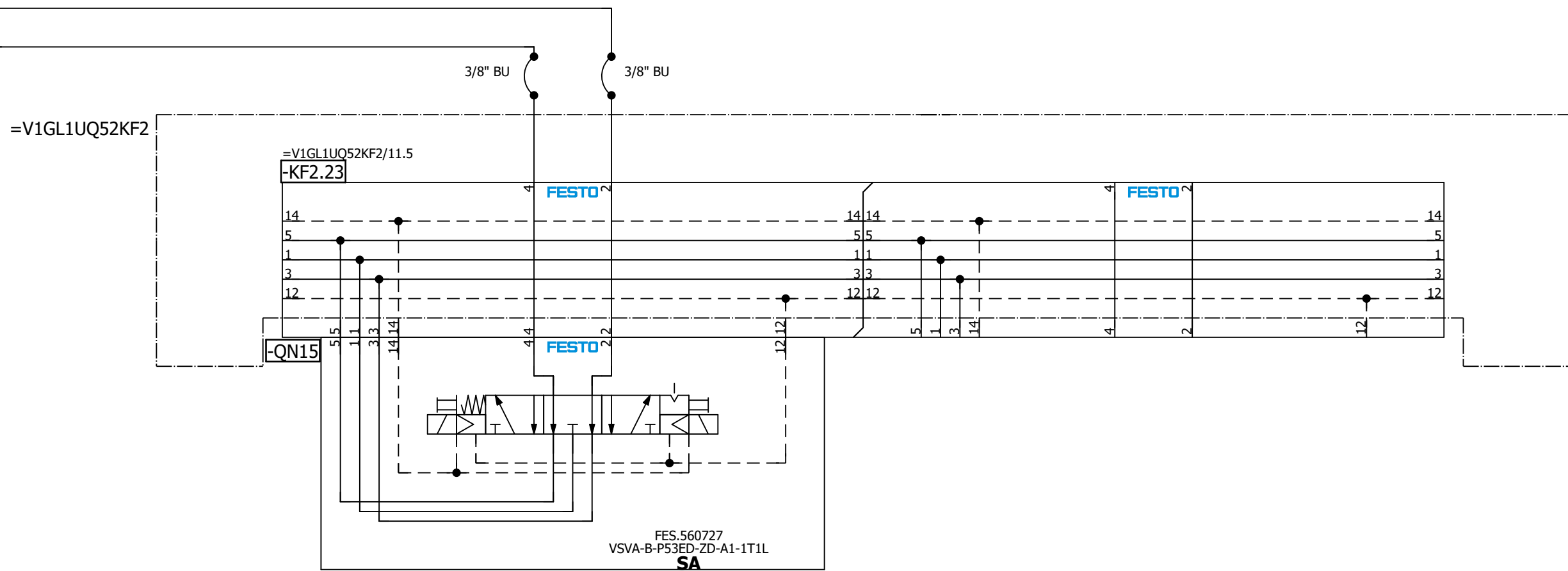
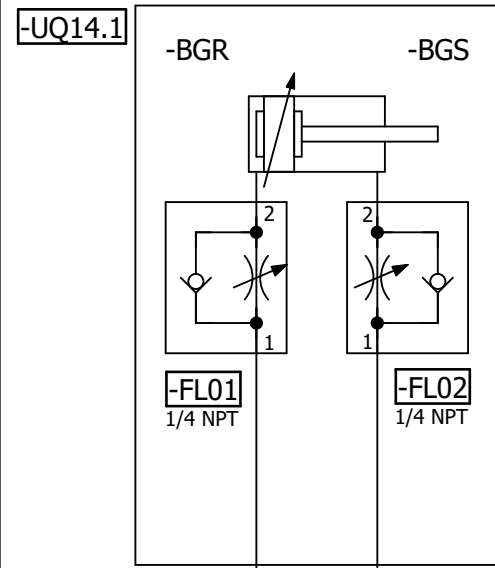
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-UQ12-QN13.1
Clamps 12
(RST)

=V1GL1UQ52
-UQ12-QN13.2
Clamps 12
(SET)

=V1GL1UQ52UQ11/1

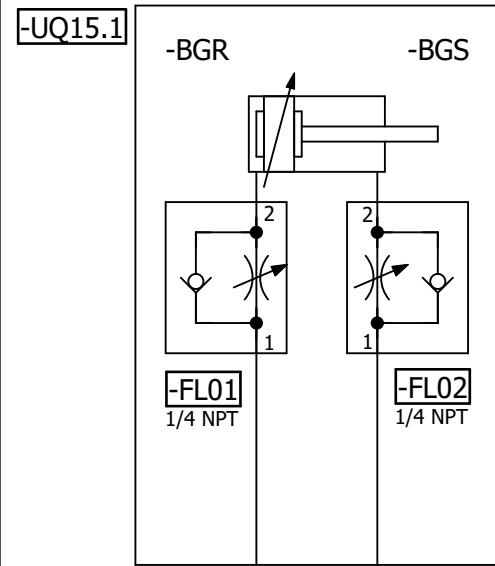
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		Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original	Replacement of	Replaced by					Page		1	
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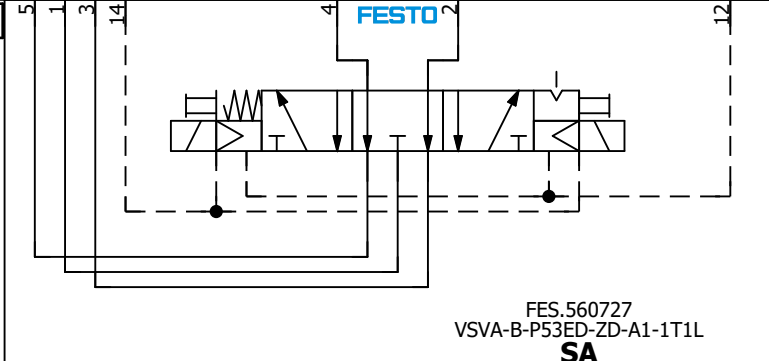
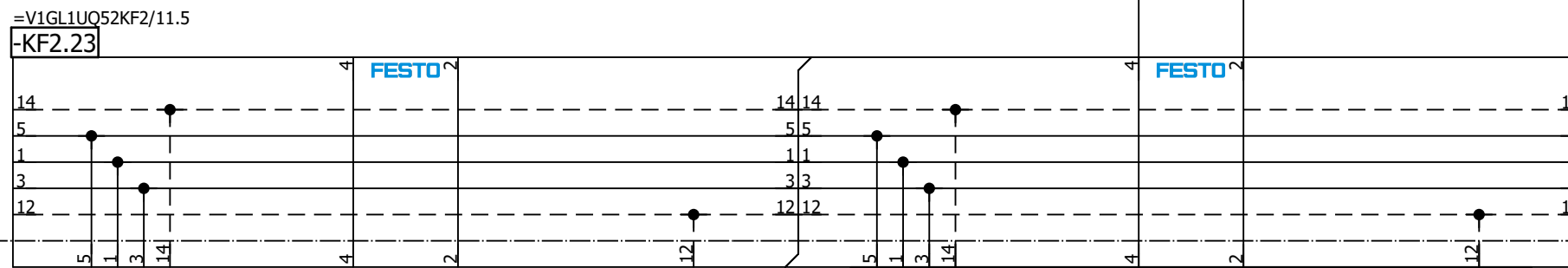


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Clamp 14
(RST)

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-UQ14-QN15.2
Clamp 14
(SET)



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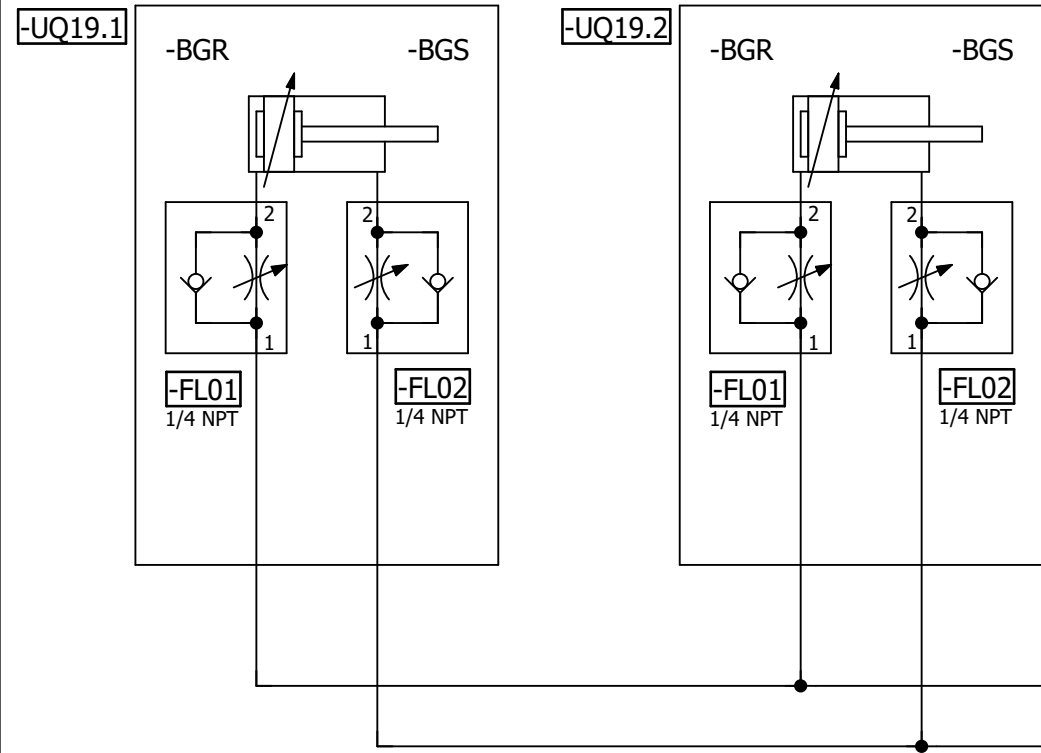


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-UQ15-QN16.1
Clamp 15
(RST)

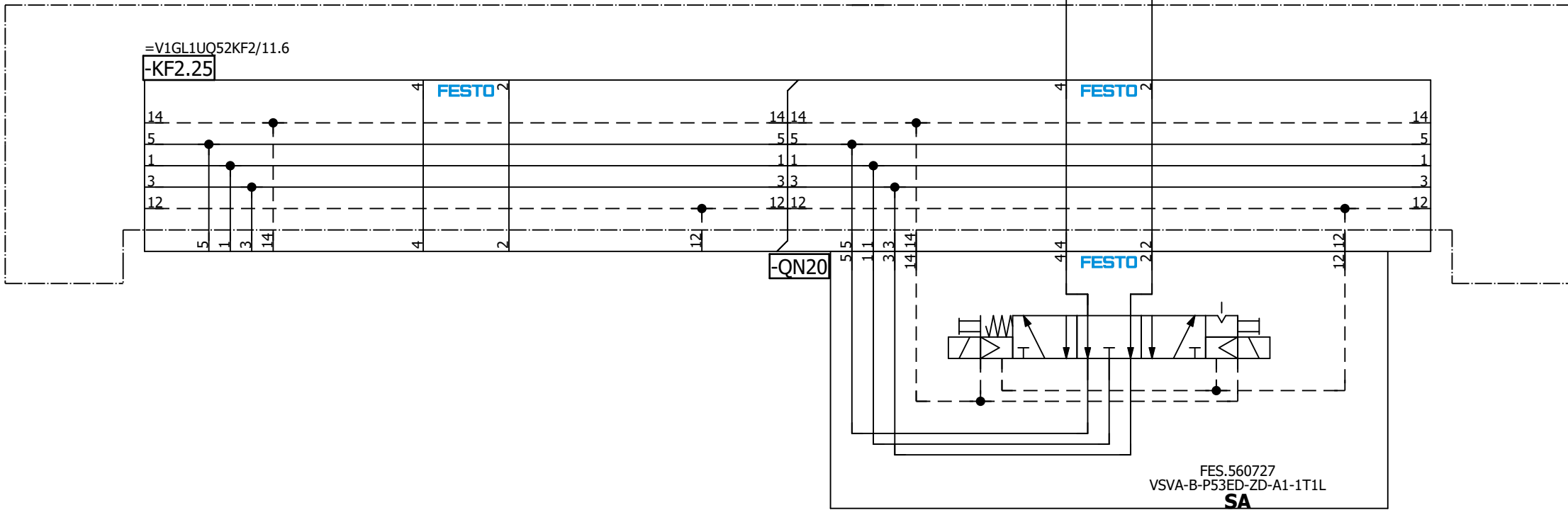
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-UQ15-QN16.2
Clamp 15
(SET)

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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1	=2V09&MFS-PNEU		+ V1GL1UQ52		
			Appr				Document type:	MFS	Project nr:	22-16150	Page
Modification	Date	Name	Original		Replacement of	Replaced by					404



=V1GL1UQ52KF2



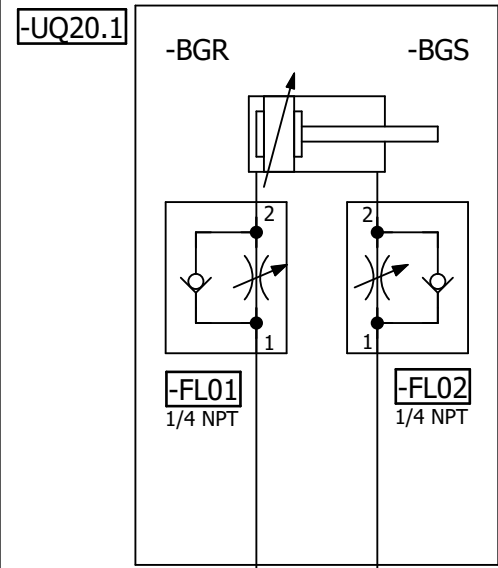
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Clamps 19
(RST)

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-UQ19-QN20.2
Clamps 19
(SET)

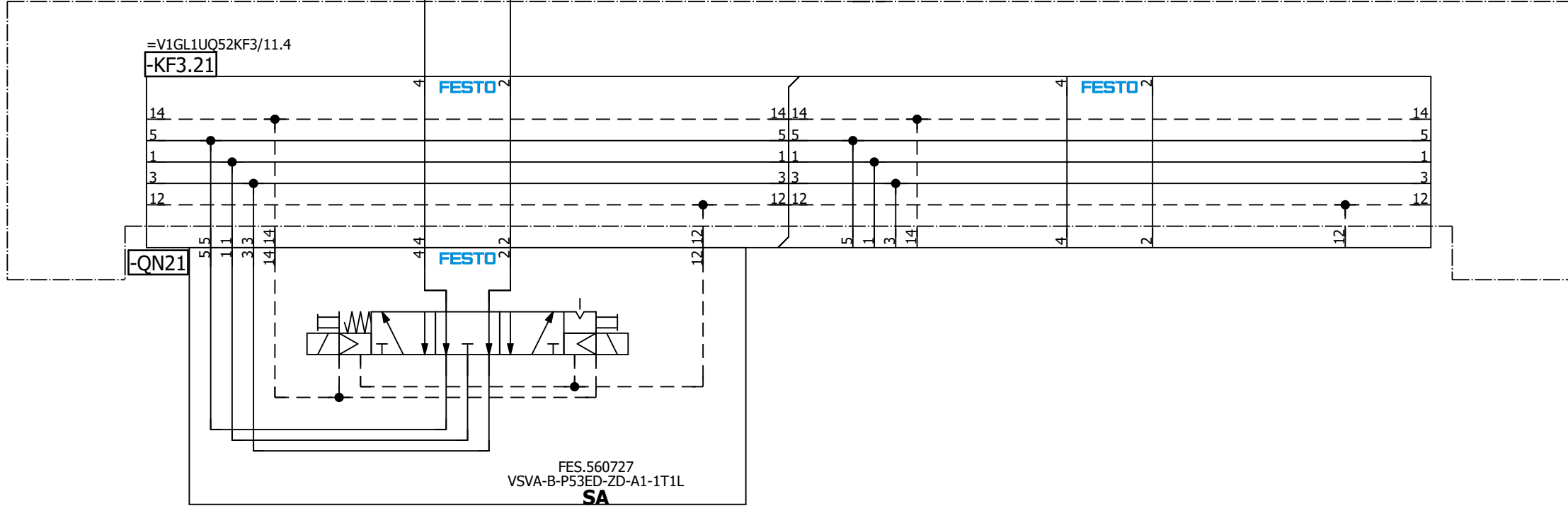
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				= 2V09&MFS-PNEU		+ V1GL1UQ52
Appr.			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS	22-16150	
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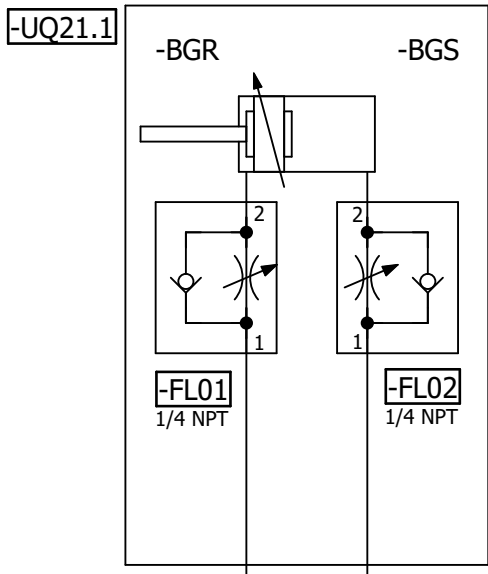
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Clamp 20
(RST)

=V1GL1UQ52
-UQ20-QN21.2
Clamp 20
(SET)

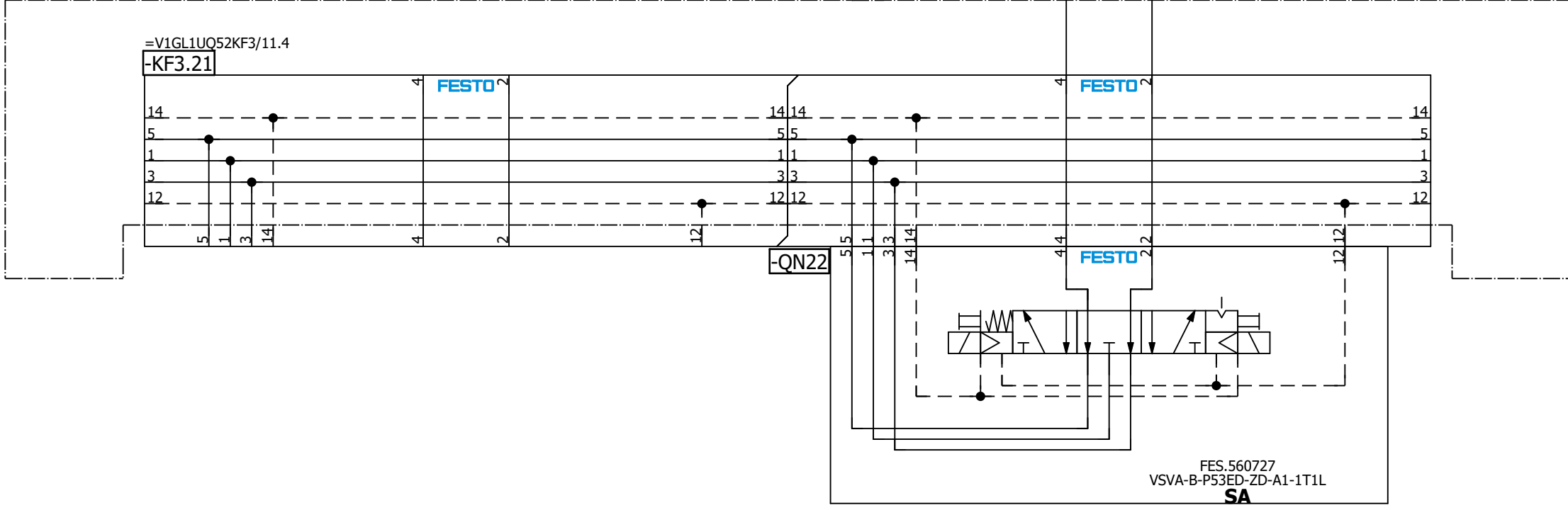
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ52
Appr.			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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=V1GL1UQ52KF3



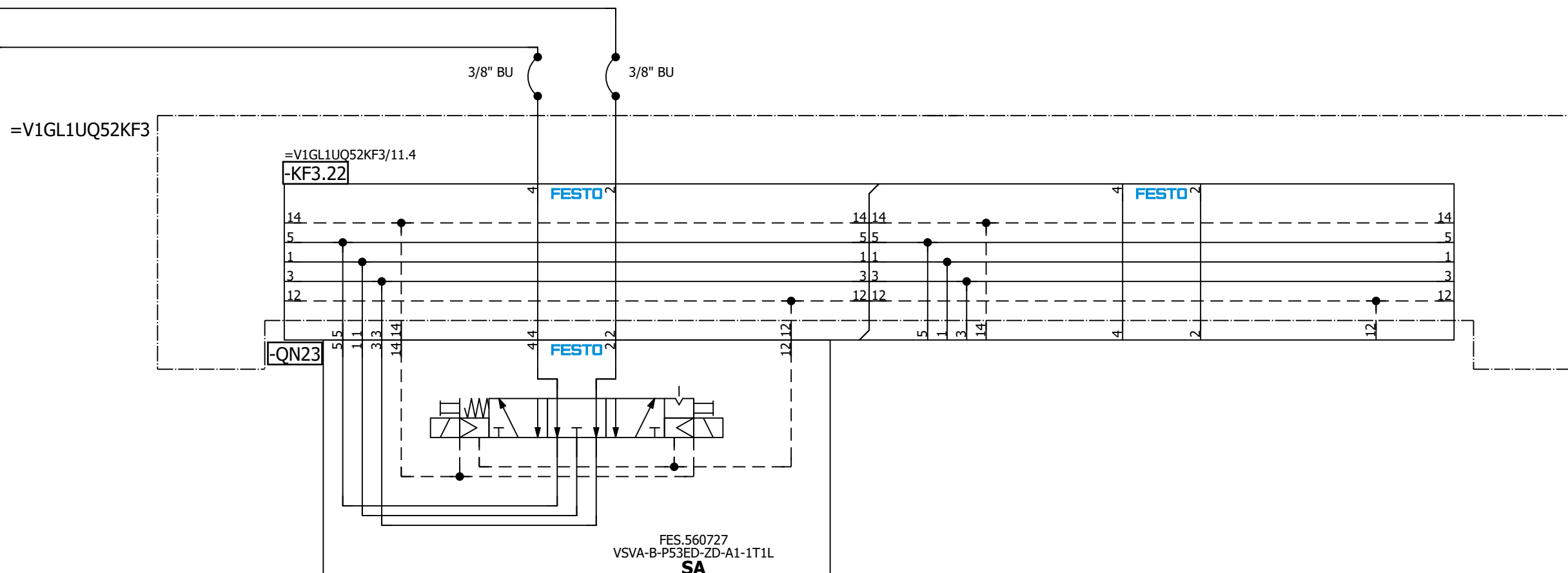
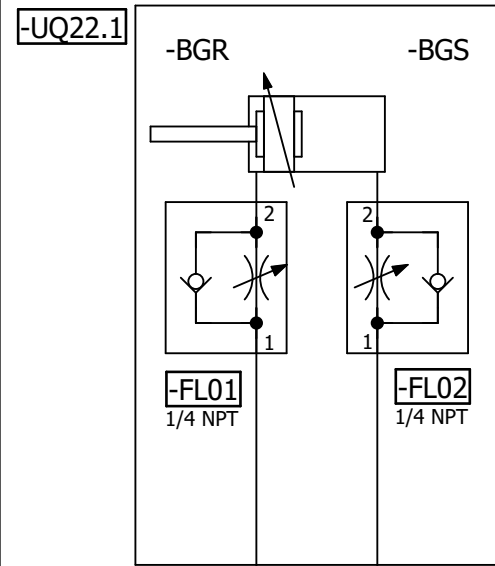
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Shot Pin 21
(RST)

=V1GL1UQ52
-UQ21-QN22.2
Shot Pin 21
(SET)

=V1GL1UQ52UQ20/1

=V1GL1UQ52UQ22/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 21	Drawing name:	= V1GL1UQ52UQ21
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				= 2V09&MFS-PNEU	+ V1GL1UQ52
			Appr.		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:
Modification	Date	Name	Original						MFS	22-16150
									Page	1
										404

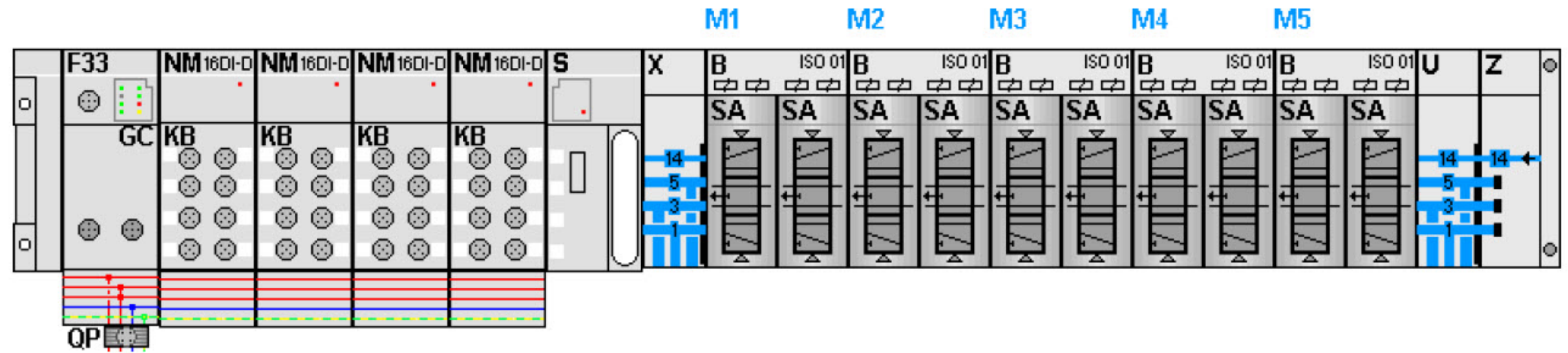


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Shot Pin 22
(RST)

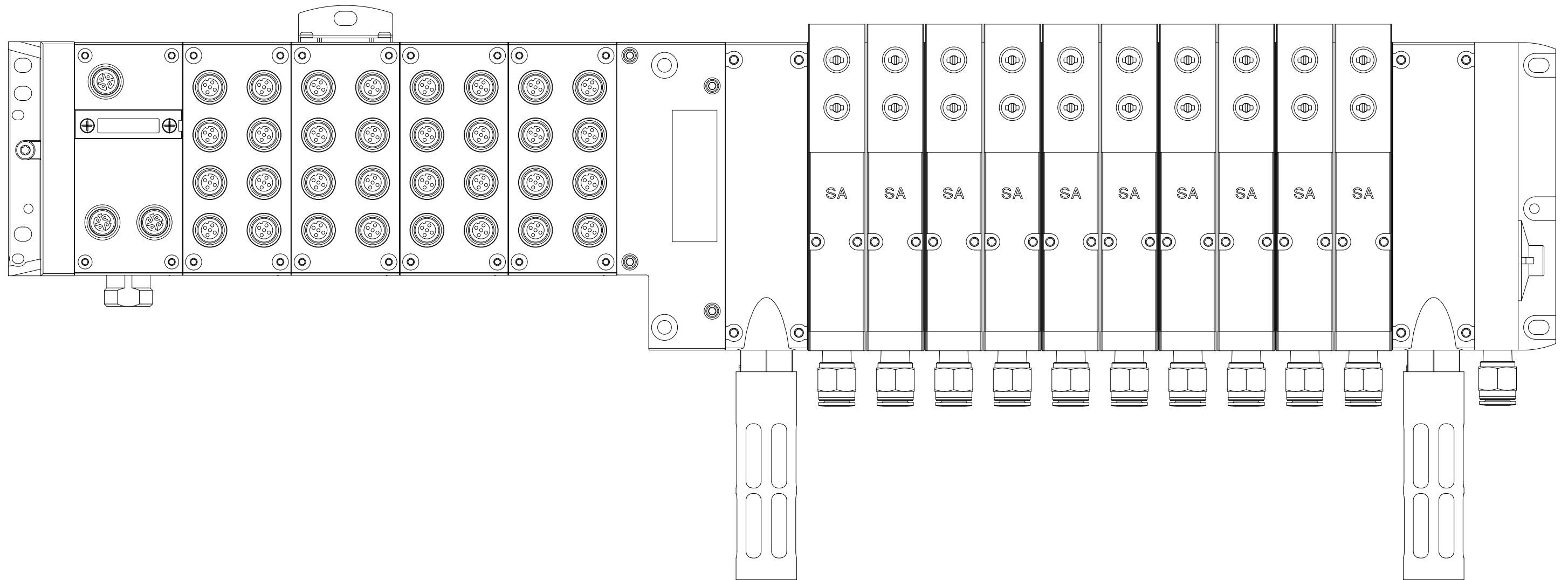
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-UQ22-QN23.2
Shot Pin 22
(SET)

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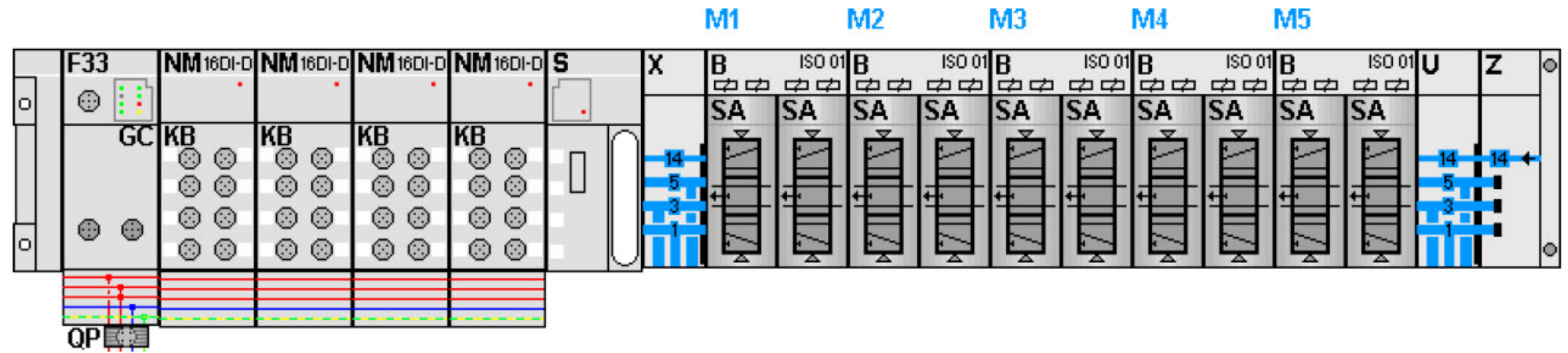
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	MFS	Project nr:	22-16150
Modification	Date	Name	Original	Replacement of				Replaced by	Page	1	



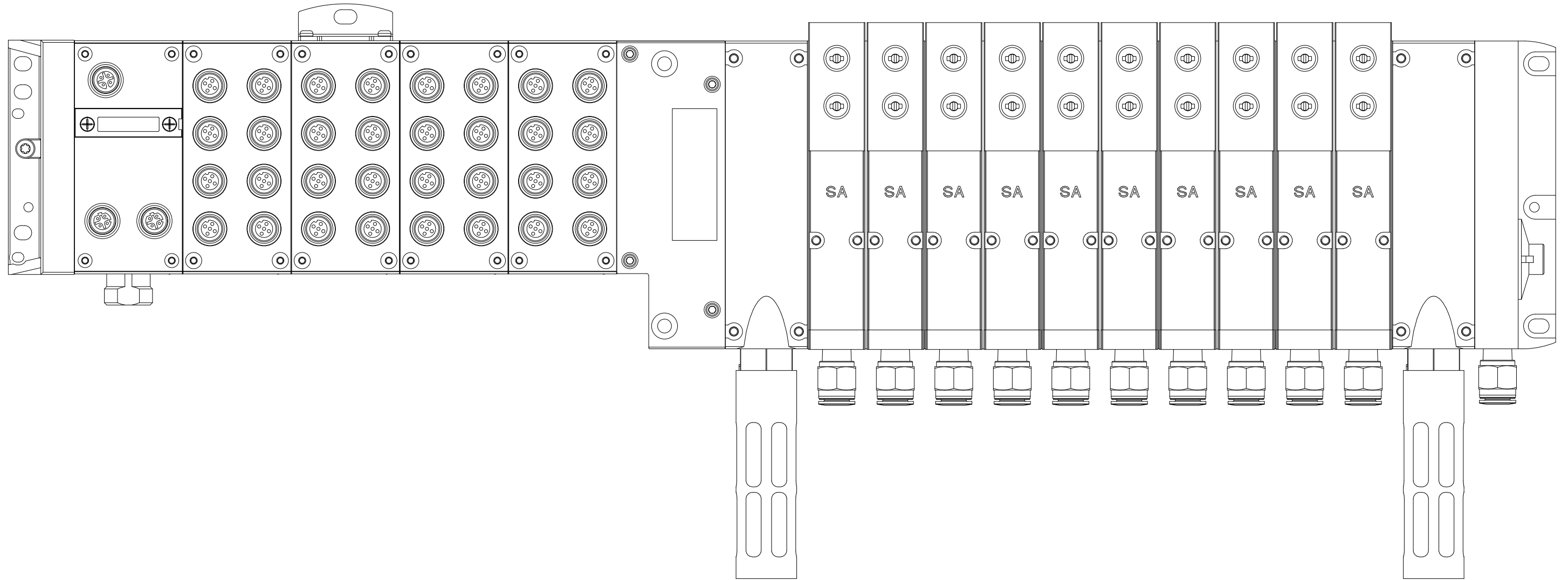
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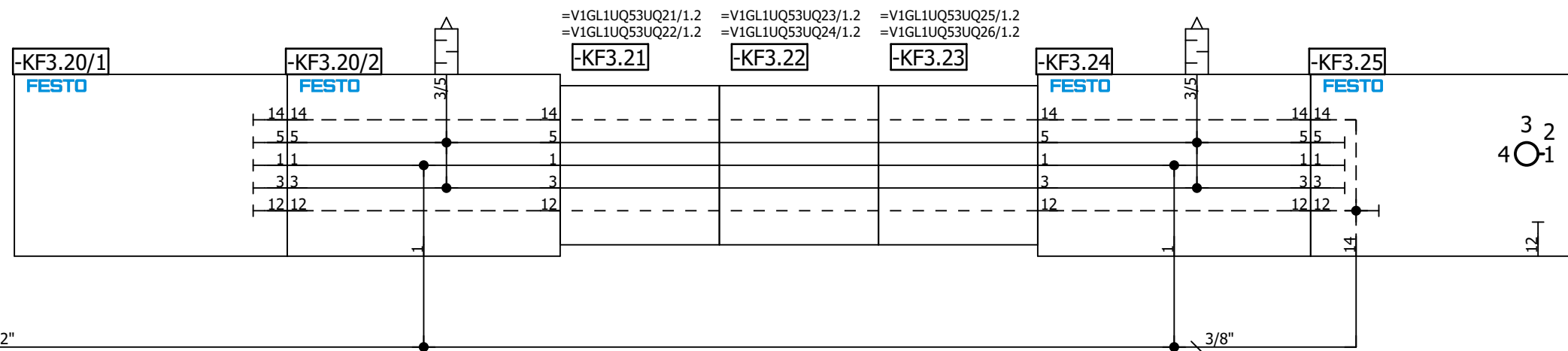
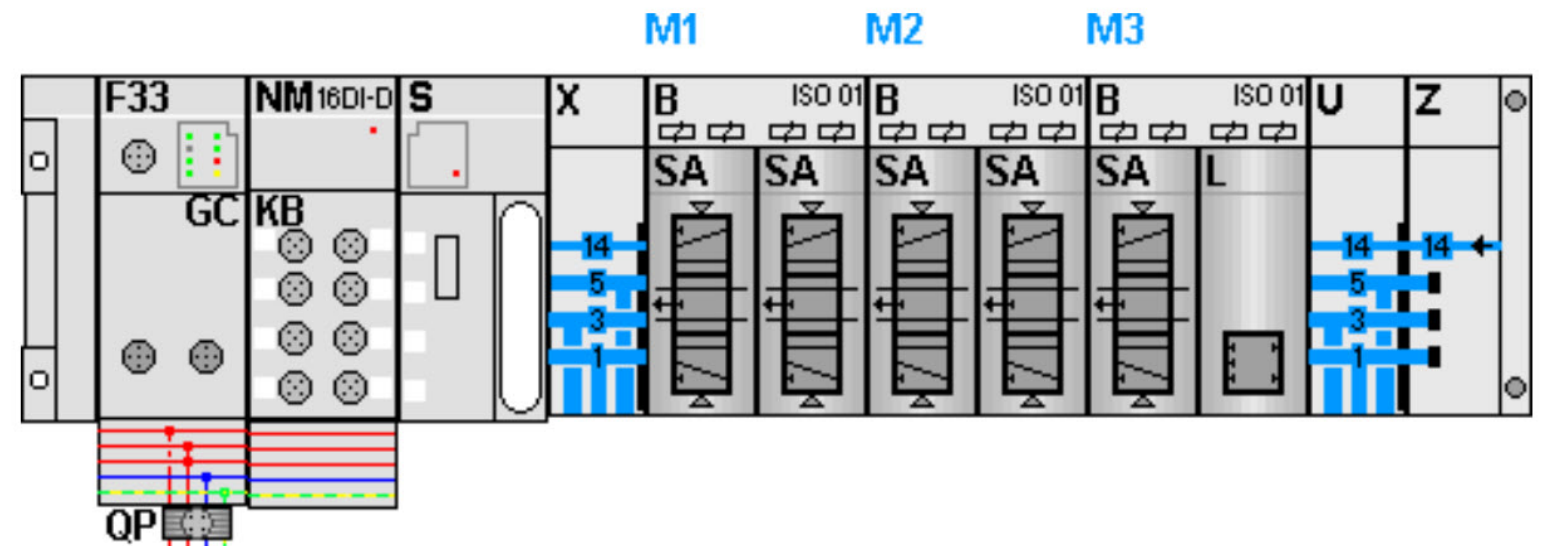


KF2.0



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		Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1		Document type: MFS		Project nr: 22-16150		Page 5	
Modification	Date	Name	Original	Replacement of	Replaced by							404	



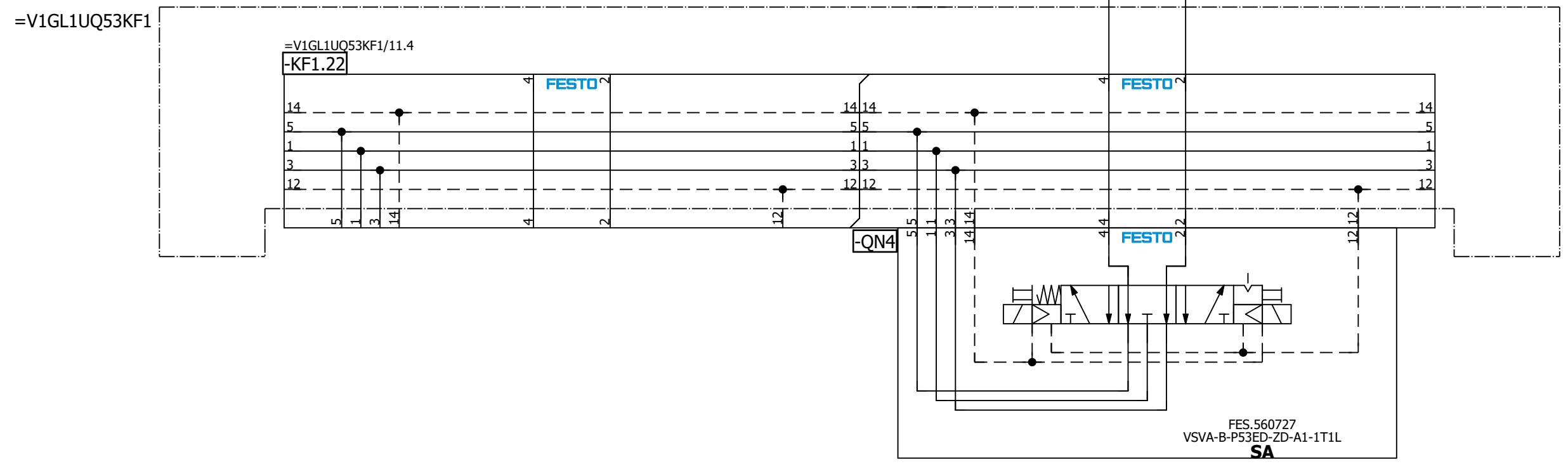
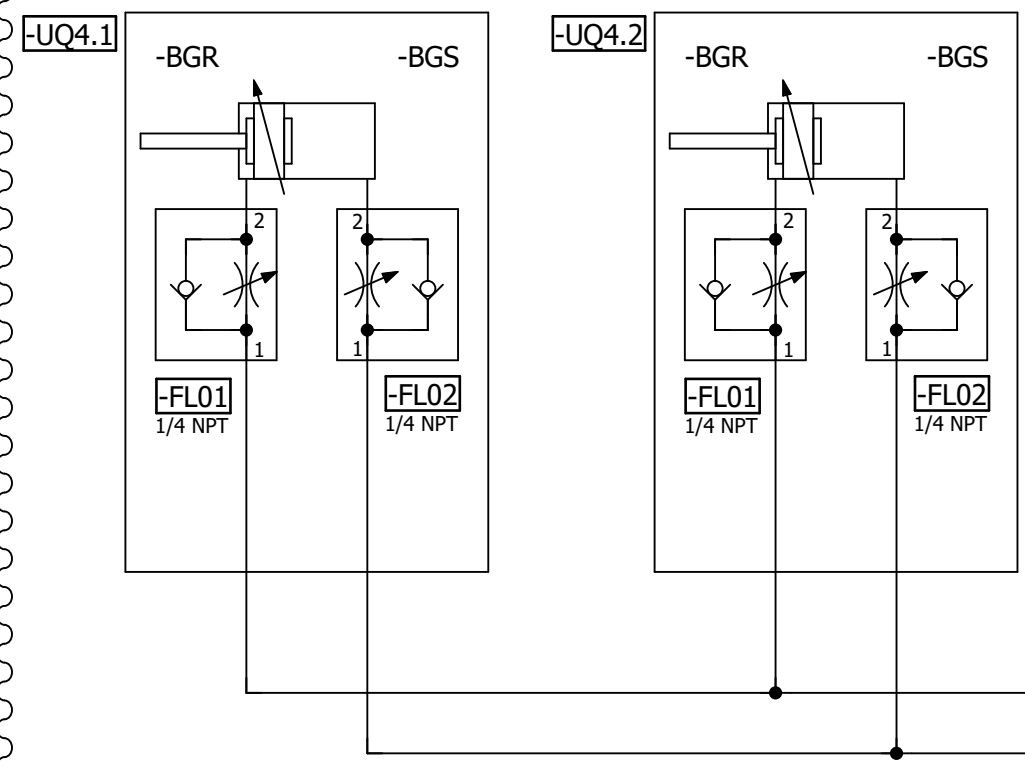
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1/2"

3/8"

=V1GL1UQ53UQ1/1

Date	1/9/2023	Volvo Trucks North America	Valiant TMS	AIR SUPPLY	Drawing name:	= V1GL1UQ53KF3
Ed.	MKLEPADLO				=2V09&MFS-PNEU	+ V1GL1UQ53
Appr.		P6700 Bodyside LH - Robot Cell 2V09			Document type:	MFS
Modification	Date	Name	Original	Replacement of	Replaced by	Scale 1:1
					Project nr:	22-16150
					Page	11
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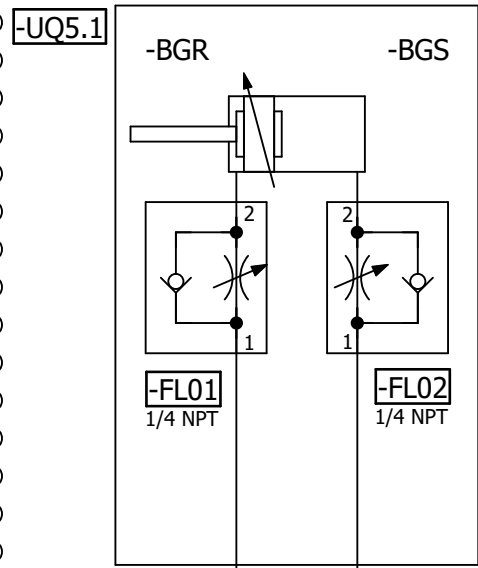


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Shot Pins 4
(RST)

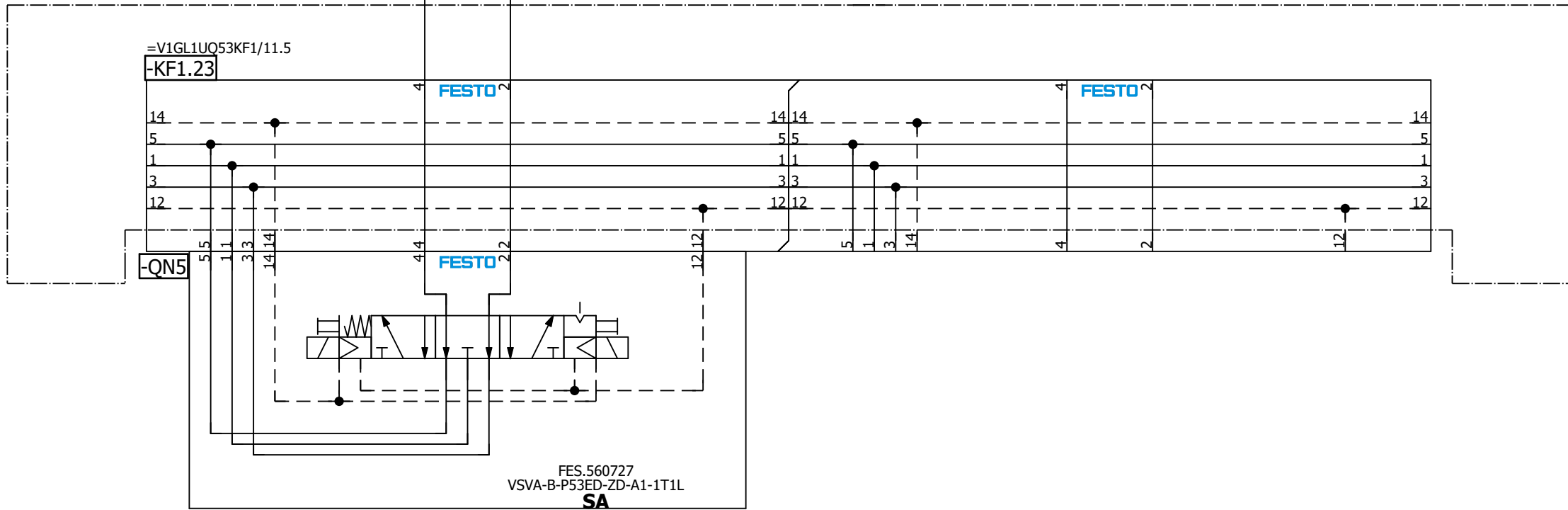
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Shot Pins 4
(SET)

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Appr				Replacement of		Replaced by				Project nr:		Page	
Original										22-16150		1	
Modification		Date		Name						MFS		404	



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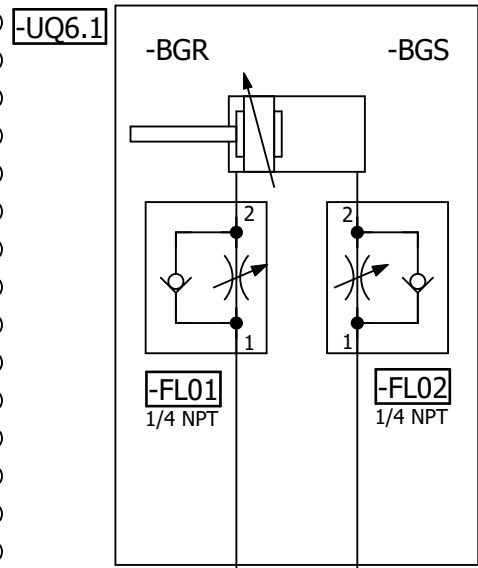


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Shot Pin 5
(RST)

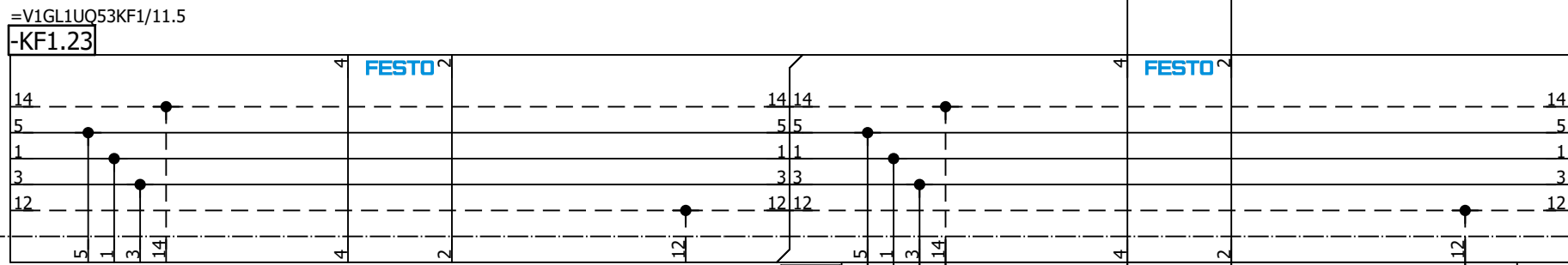
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Shot Pin 5
(SET)

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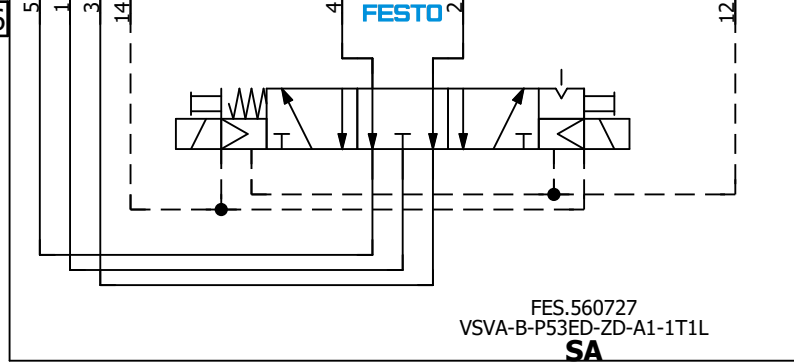
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09					Document type: MFS	Project nr: 22-16150	Page
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1					404



=V1GL1UQ53KF1



-QN6

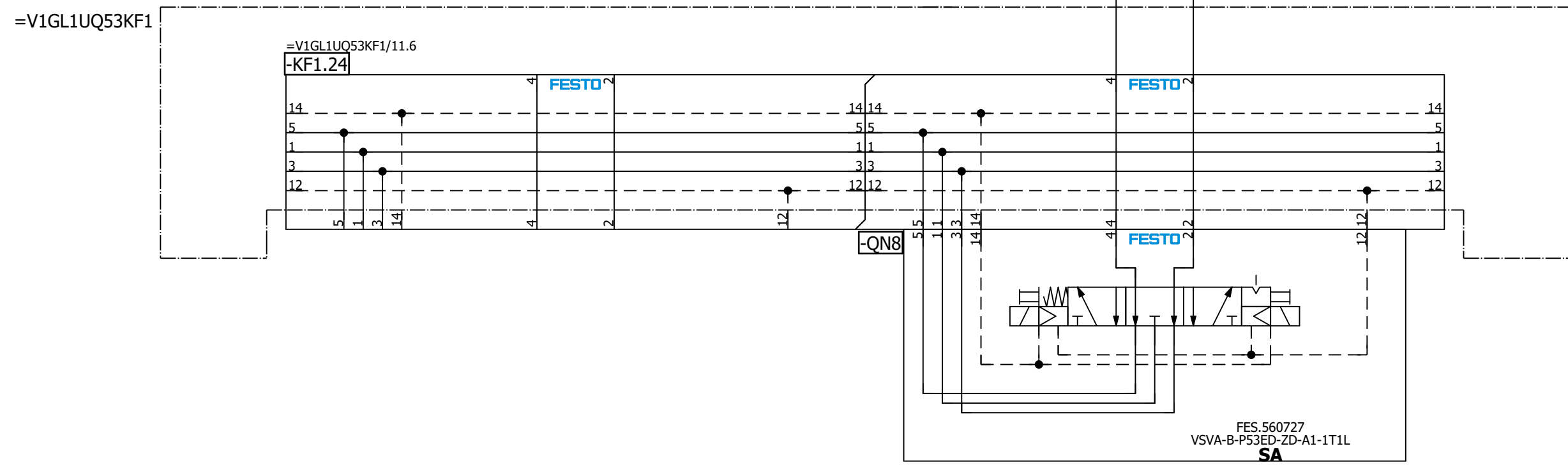
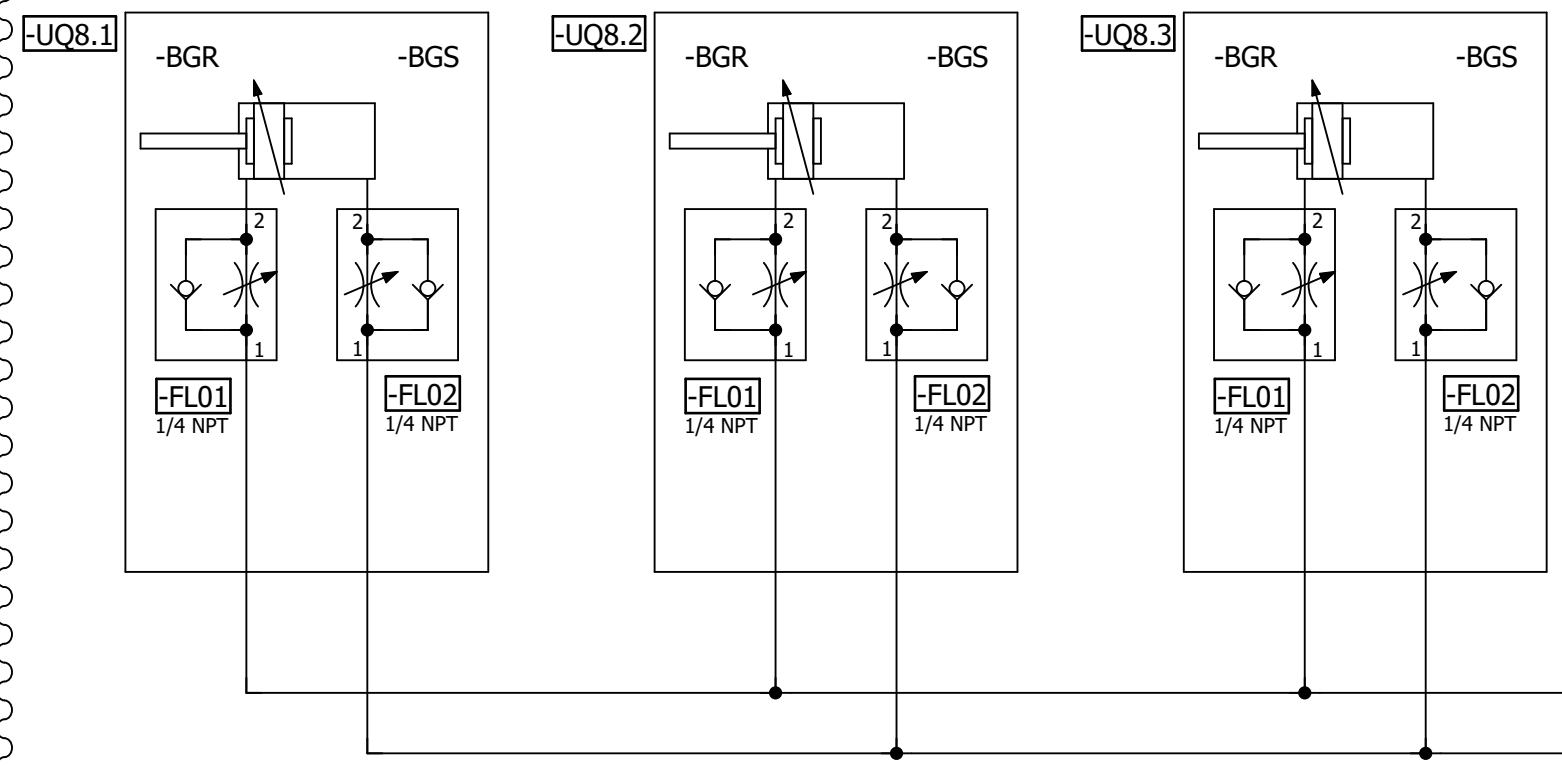


=V1GL1UQ53
-UQ6-QN6.1
Shot Pin 6
(RST)

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

=V1GL1UQ53UQ5/1 =V1GL1UQ53UQ7/1

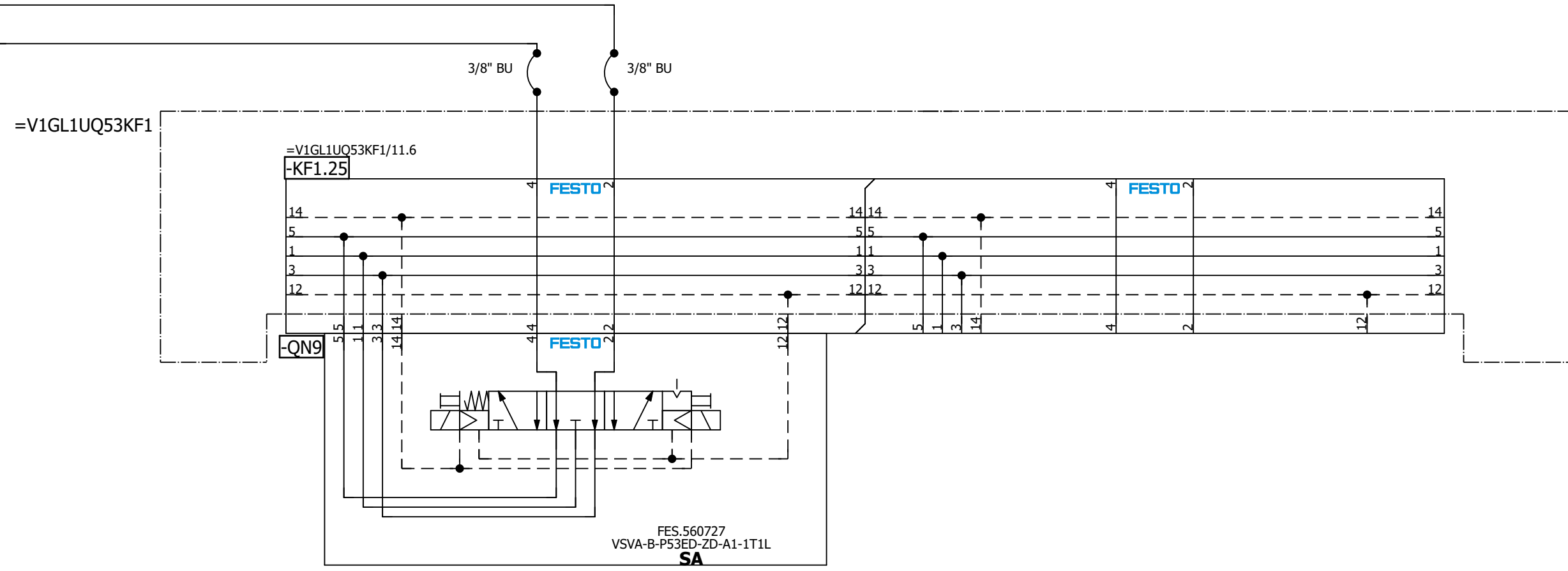
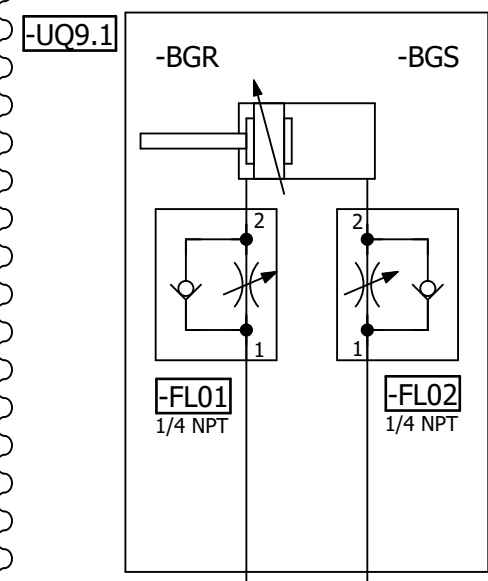
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Modification	Date	Name	Original	Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
								MFS	22-16150	1
										404



=V1GL1UQ53
-UQ8-QN8.1
Shot Pins 8
(RST)

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

Date: 1/9/2023		Volvo Trucks North America		Valiant TMS		Shot Pins 8		Drawing name: =V1GL1UQ53UQ8		= V1GL1UQ53UQ8	
Ed.: MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type: MFS		Project nr: 22-16150	
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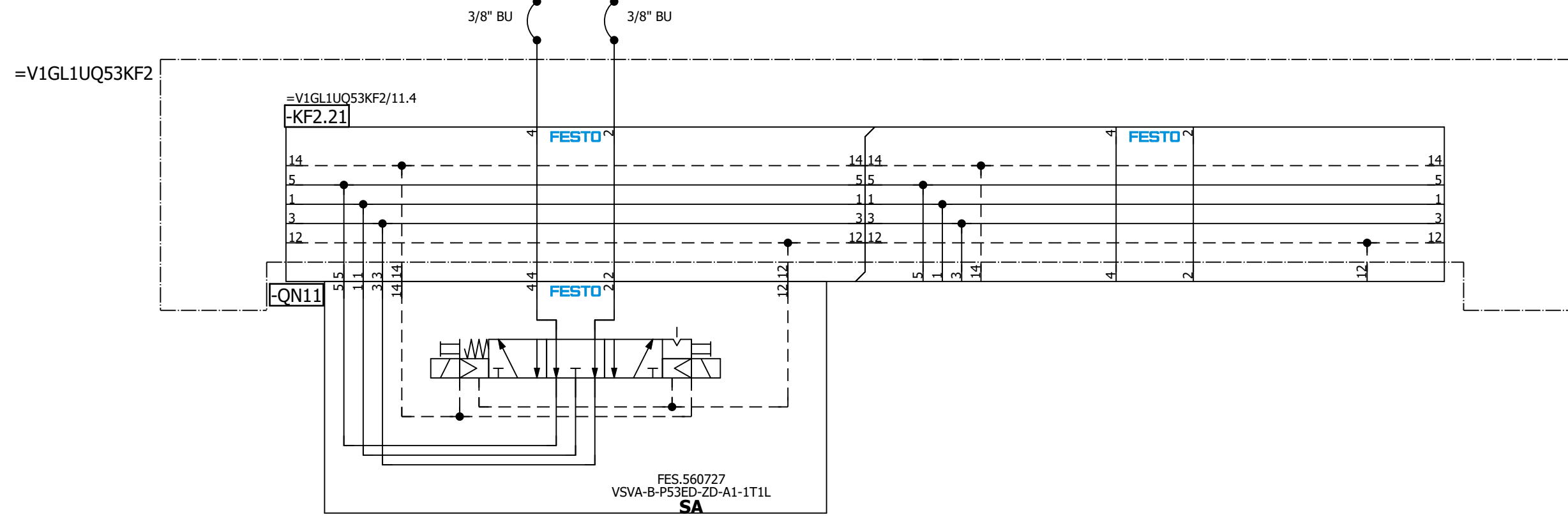
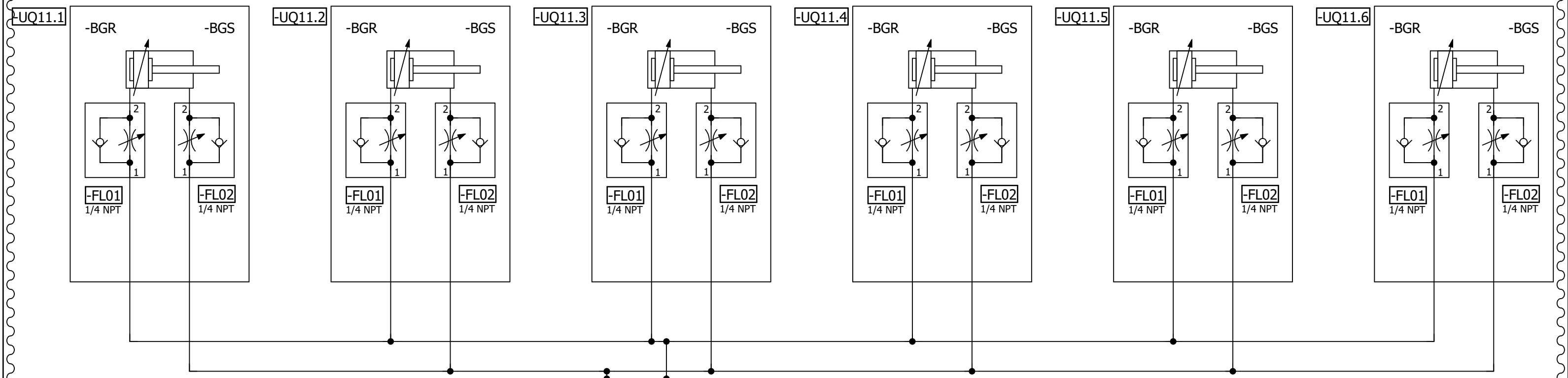
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Shot Pin 9
(RST)

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

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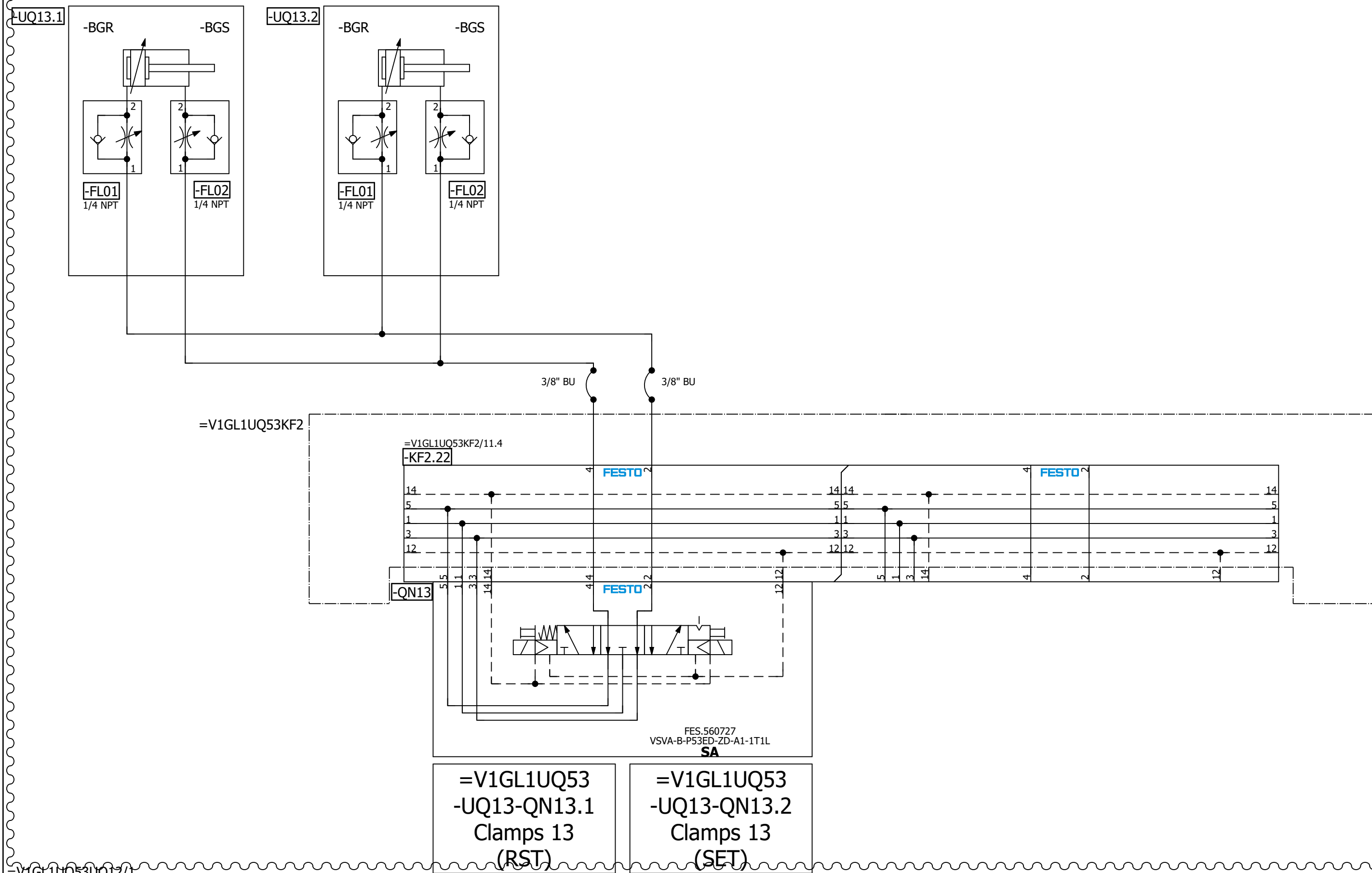
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Appr				Replacement of		Replaced by				Project nr:		22-16150	
Original										Page		1	
Modification		Date		Name						MFS		404	



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Clamps 11
(RST)

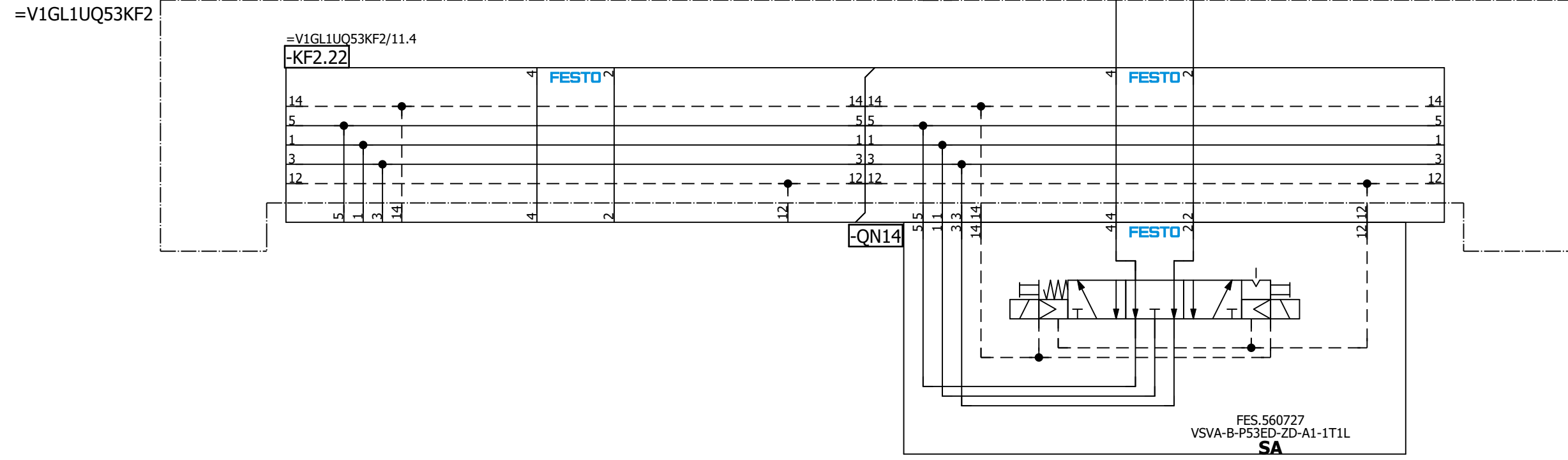
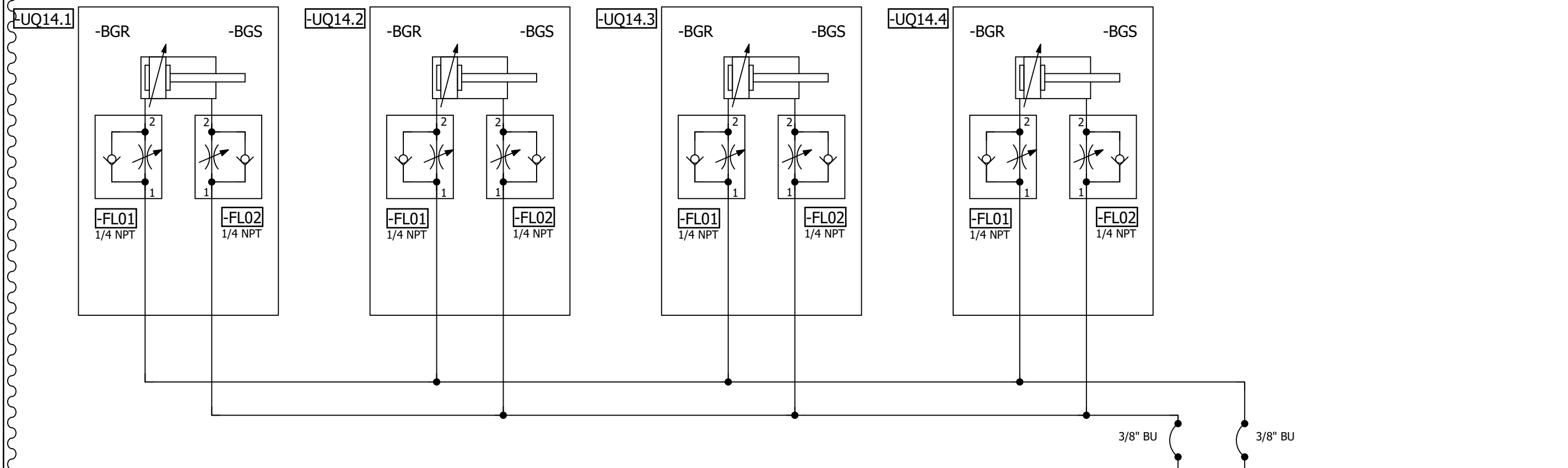
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Clamps 11
(SET)

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Appr.: Original		Replacement of: Replaced by:		Clamps 11		Project nr: 22-16150		Page 1	
Modification: Date: Name:								404	



=V1GL1UQ53
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Clamps 13
(RST)

=V1GL1UQ53
-UQ13-QN13.2
Clamps 13
(SET)

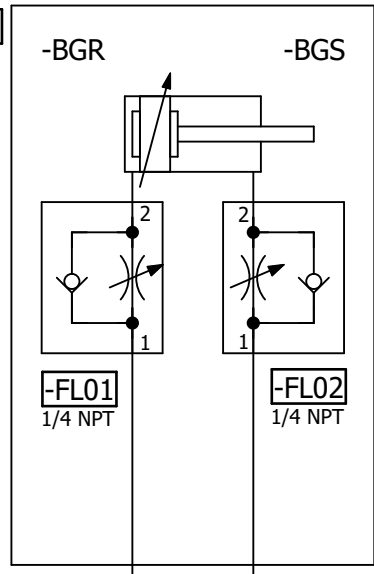


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Clamps 14
(RST)

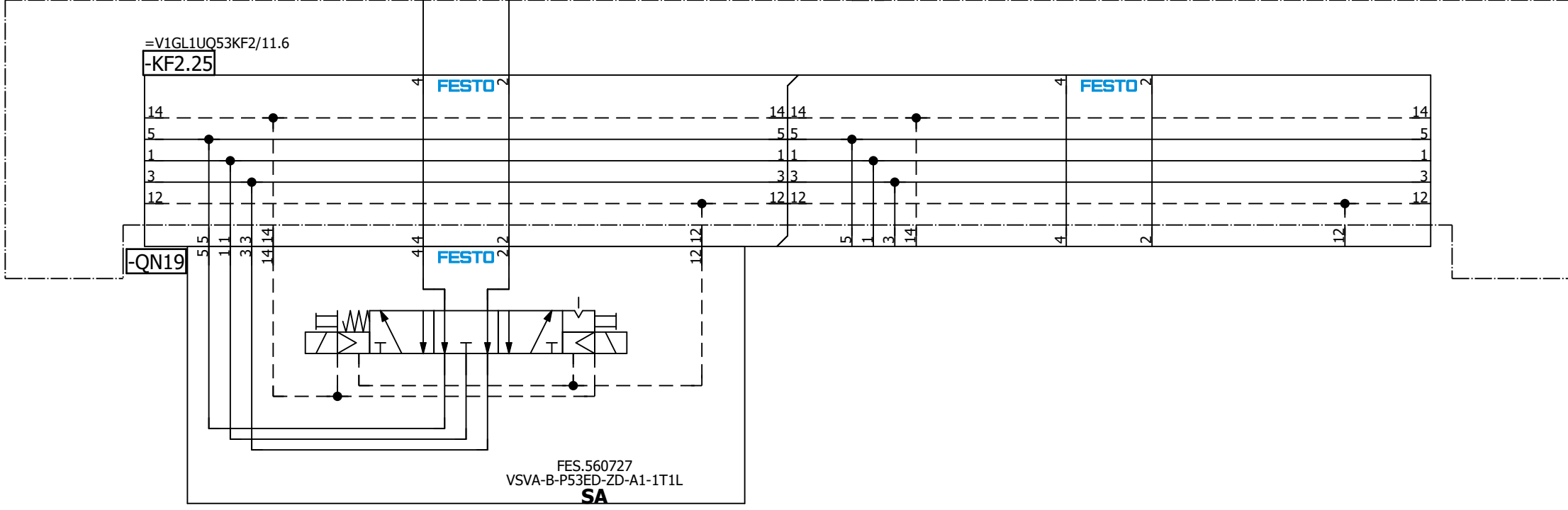
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Clamps 14
(SET)

Date: 1/9/2023		Volvo Trucks North America		Valiant TMS		Clamps 14		Drawing name: =V1GL1UQ53UQ14		= V1GL1UQ53UQ14	
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Appr:		Replacement of		Replaced by				Page: 1		404	

-UQ19.1



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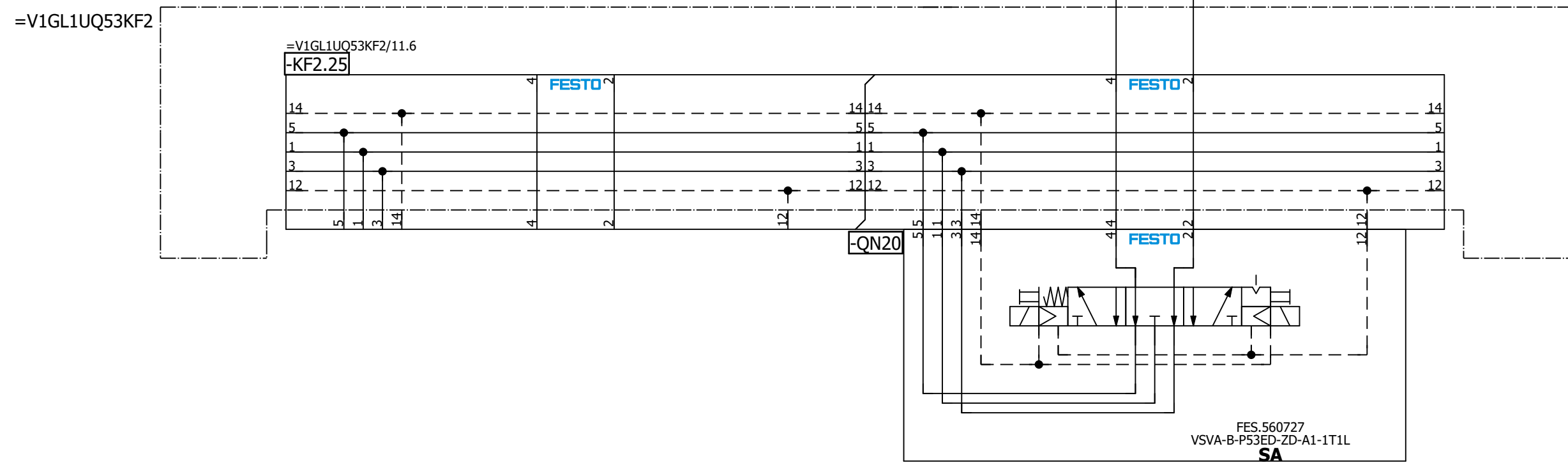
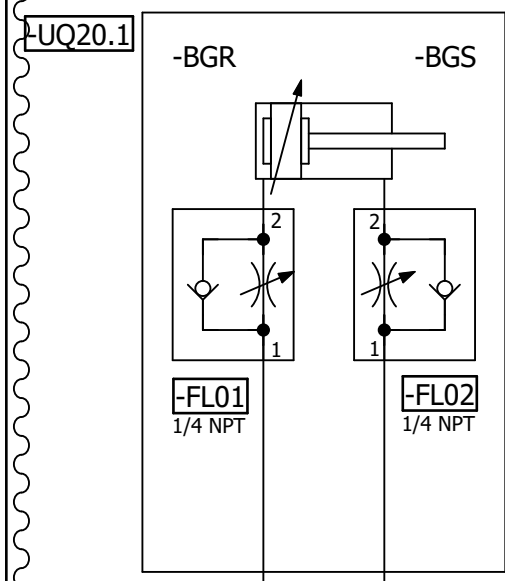
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Clamp 19
(RST)

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-UQ19-QN19.2
Clamp 19
(SET)

=V1GL1UQ53UQ18/1

=V1GL1UQ53UQ20/1

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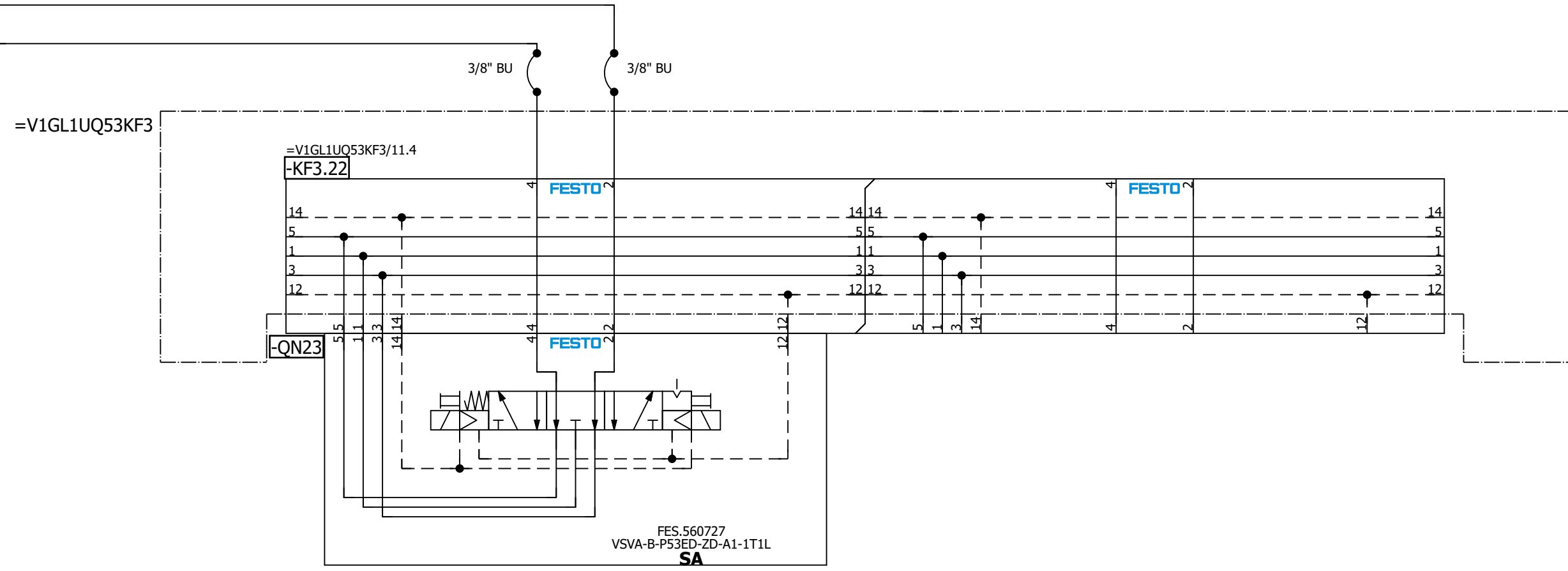
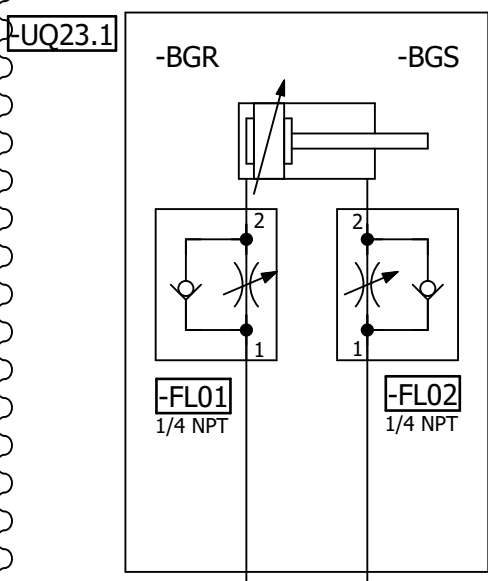
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Clamp 20
(RST)

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Clamp 20
(SET)

=V1GL1UQ53UQ19/1

=V1GL1UQ53UQ21/1

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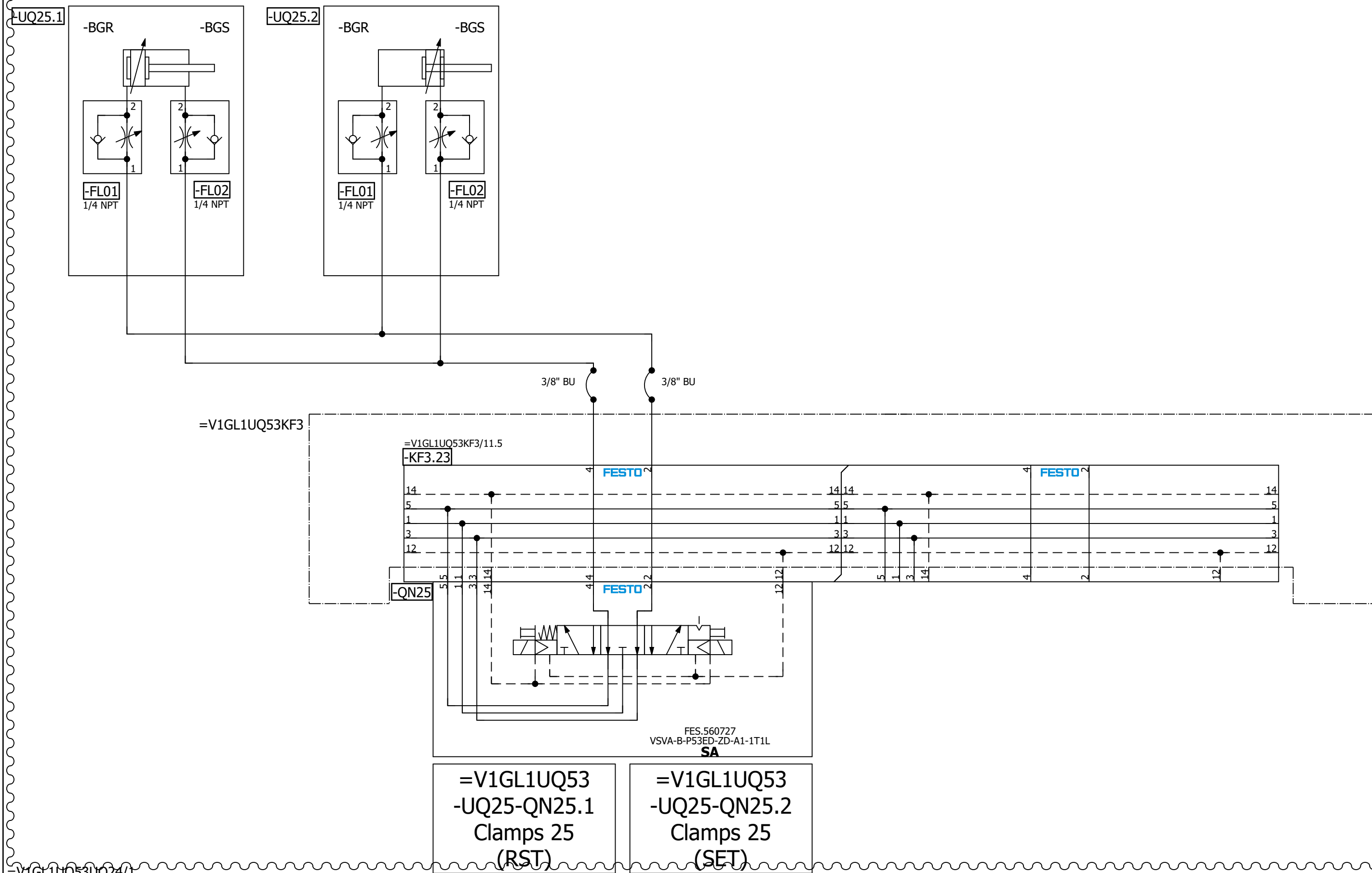
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Clamp 23
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=V1GL1UQ53
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Clamp 23
(SET)

=V1GL1UQ53UQ22/1

=V1GL1UQ53UQ24/1

Modification		Date	Name	Date	1/9/2023	MKLEPADLO	Volvo Trucks North America	Valiant TMS Scale 1:1	Clamp 23	Drawing name:		= V1GL1UQ53UQ23		Page	1
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							Replacement of	Replaced by			Document type:	MFS	Project nr:	22-16150	404

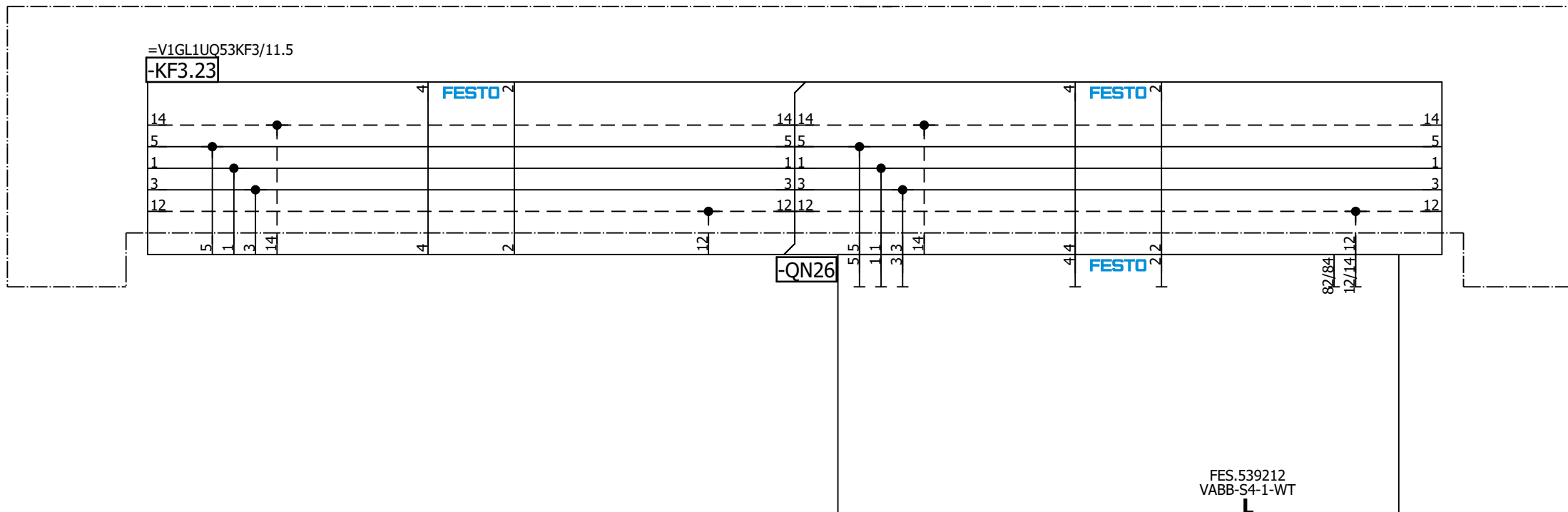


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Clamps 25
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Clamps 25
(SET)


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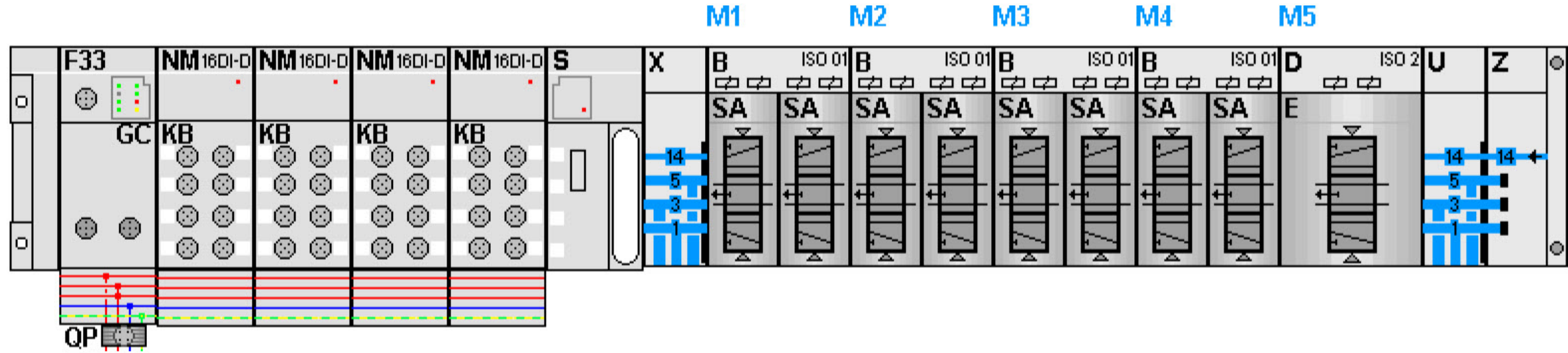
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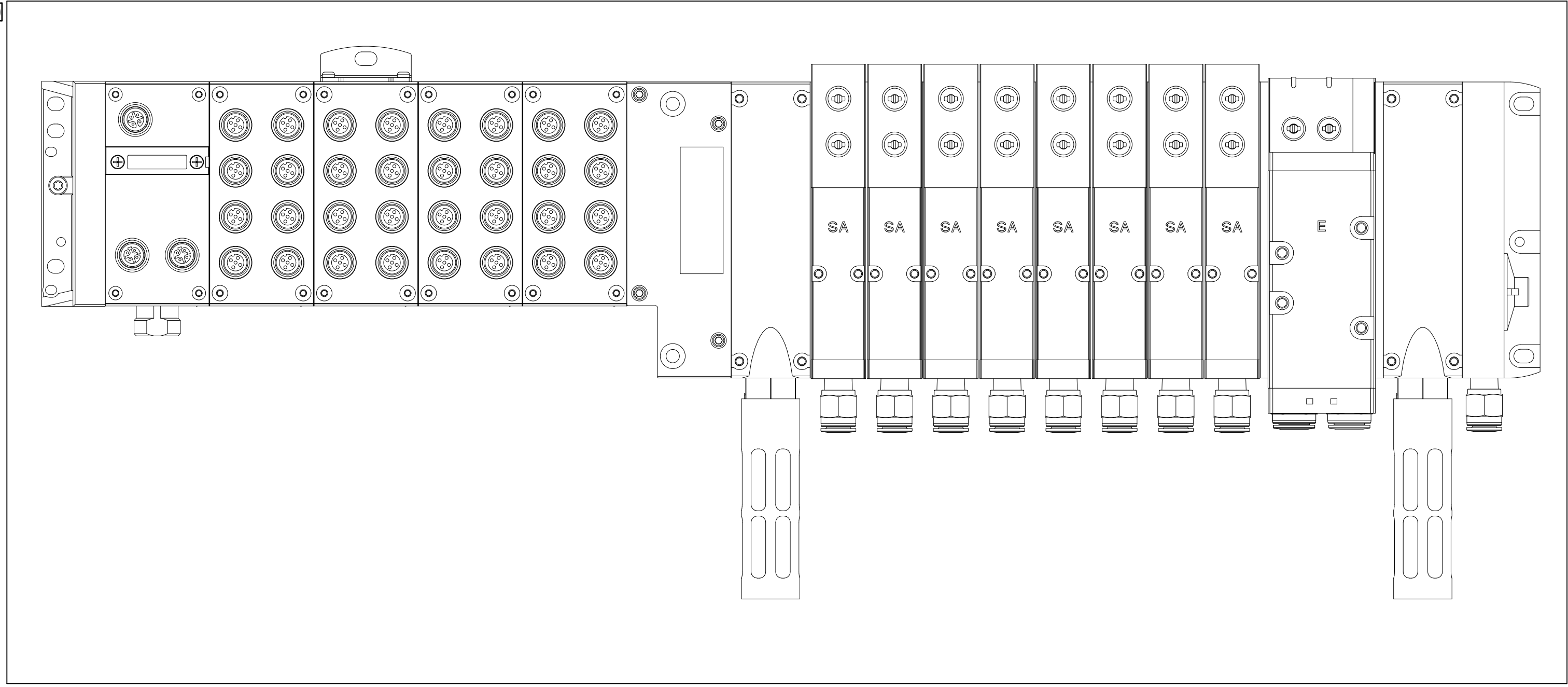
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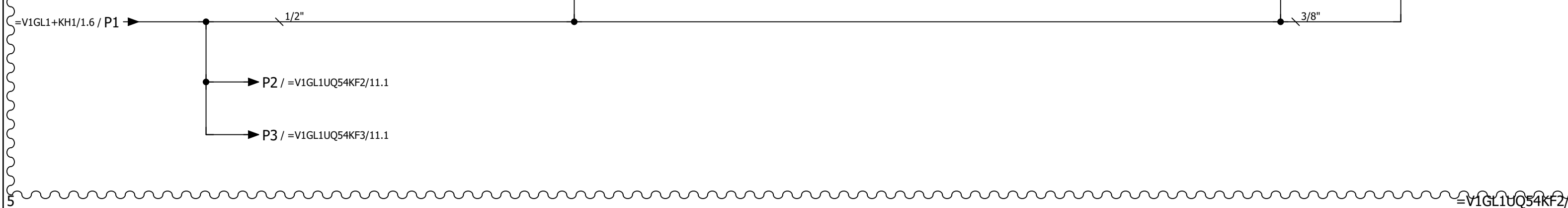
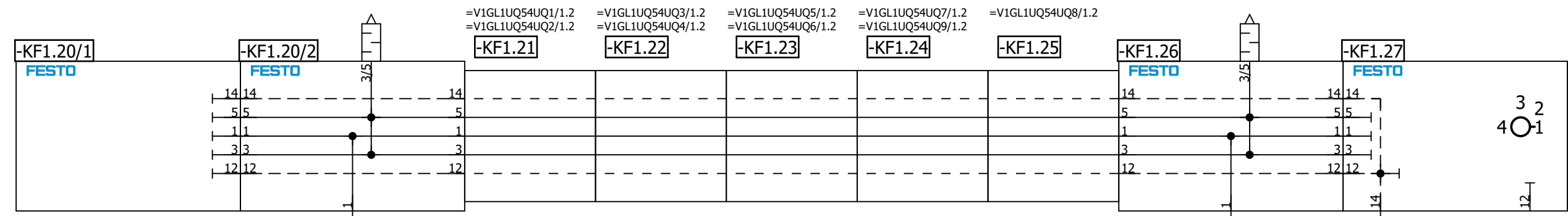
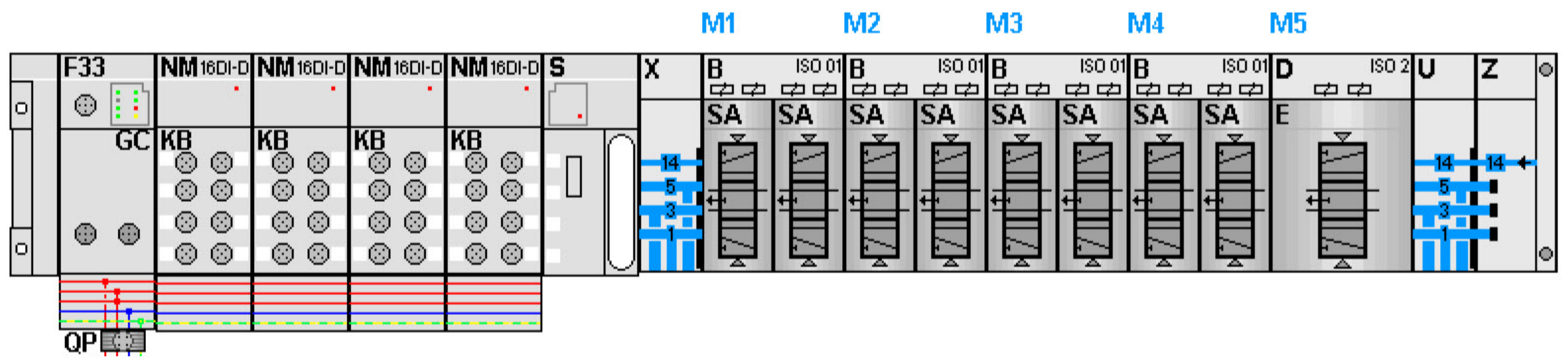
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Modification	Date	Name	Original	Replaced by					MFS		22-16150	
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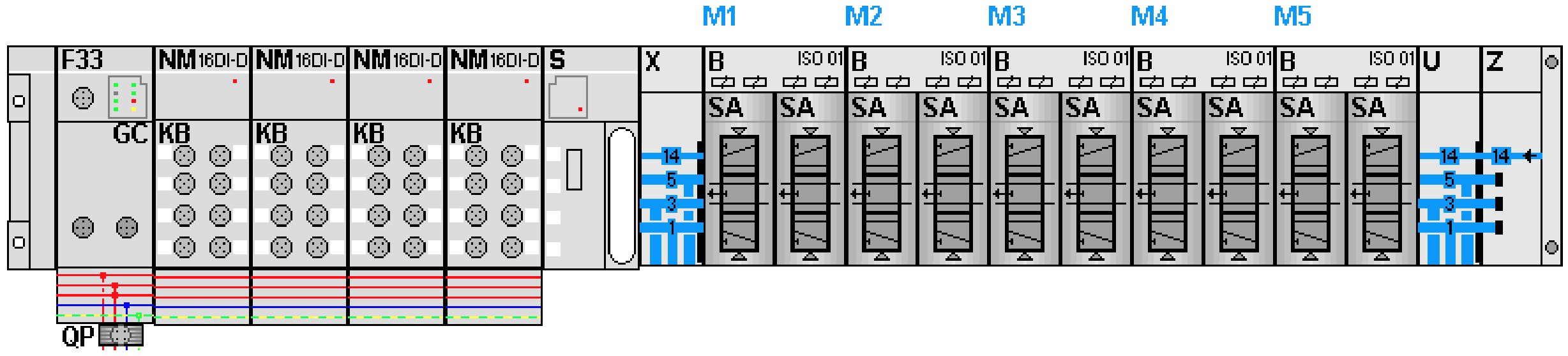


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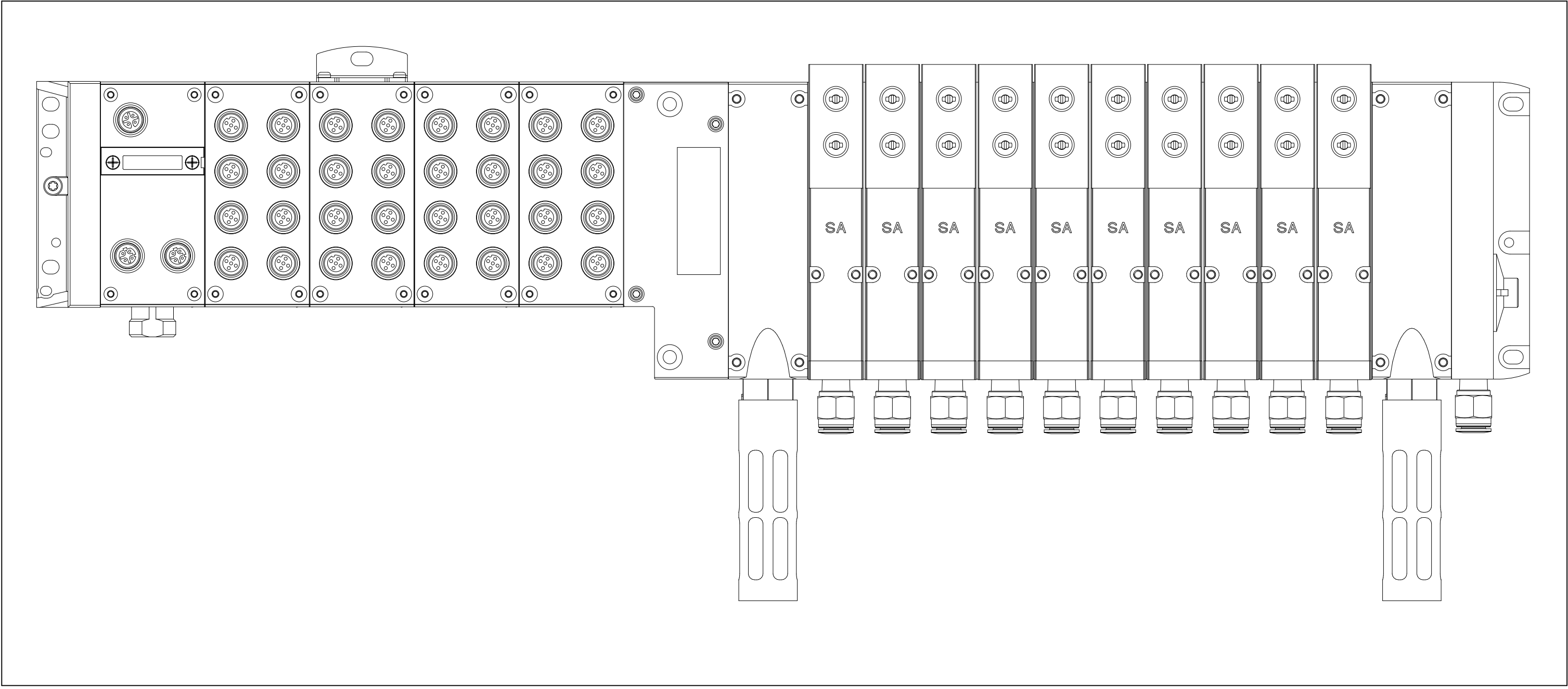


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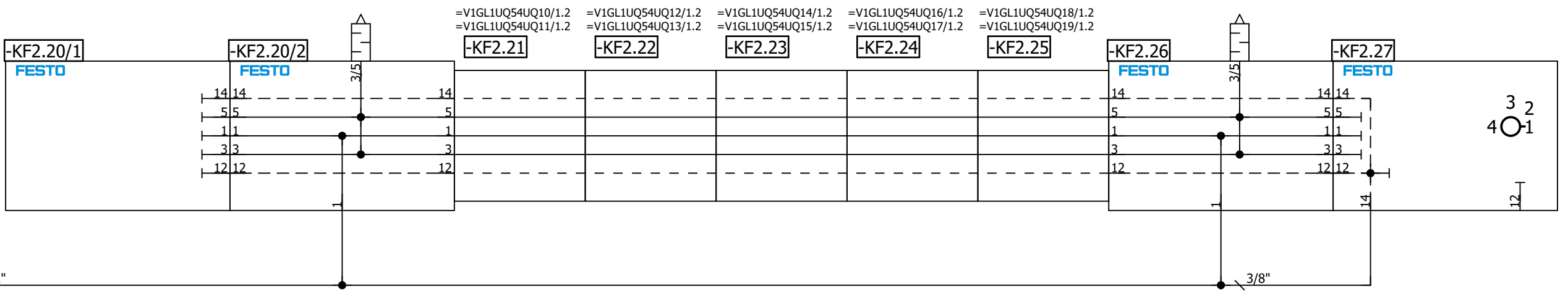
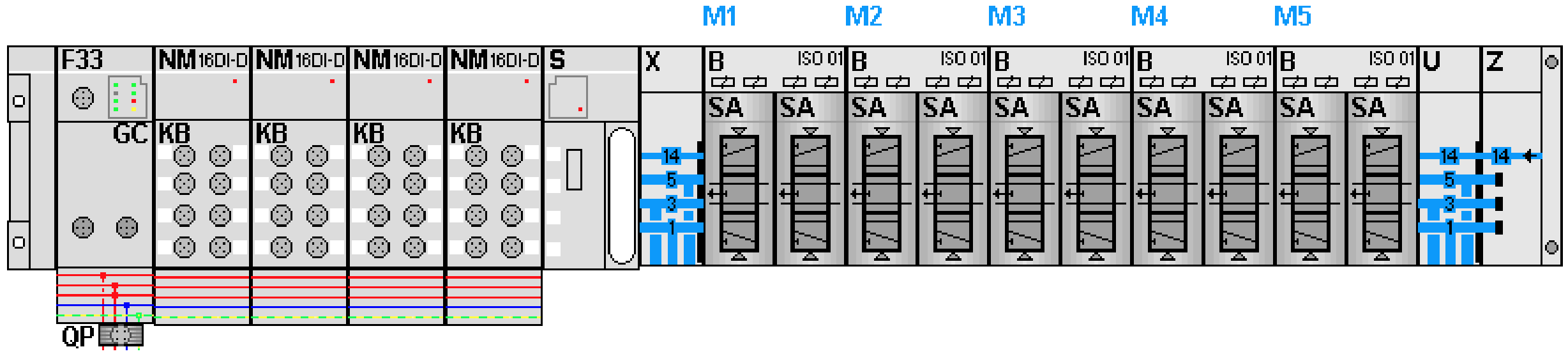


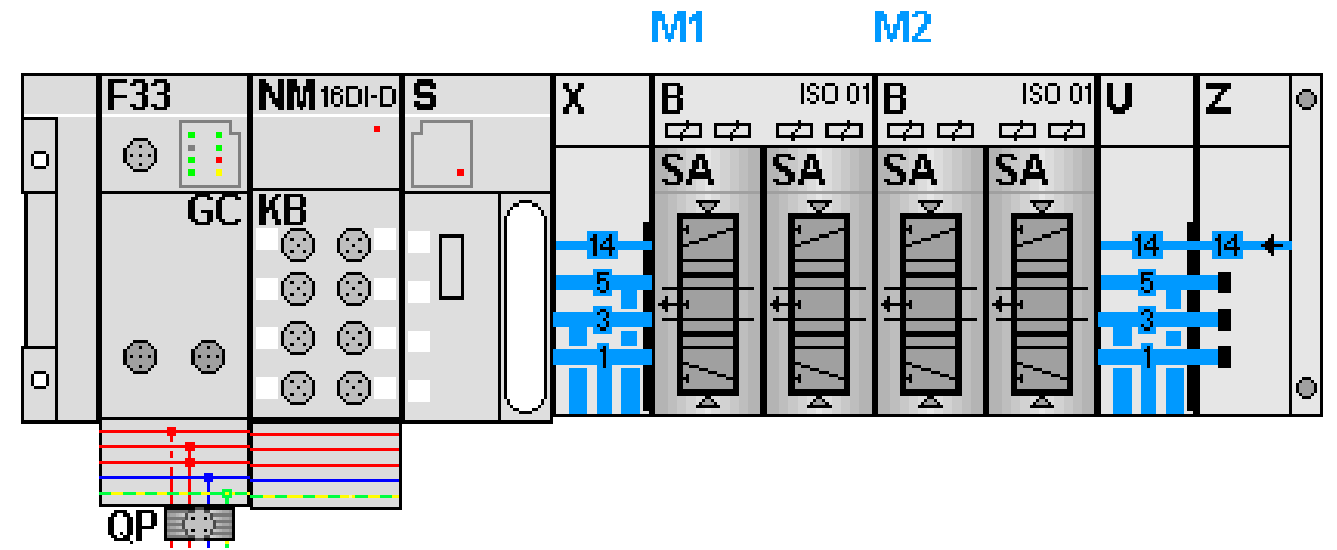


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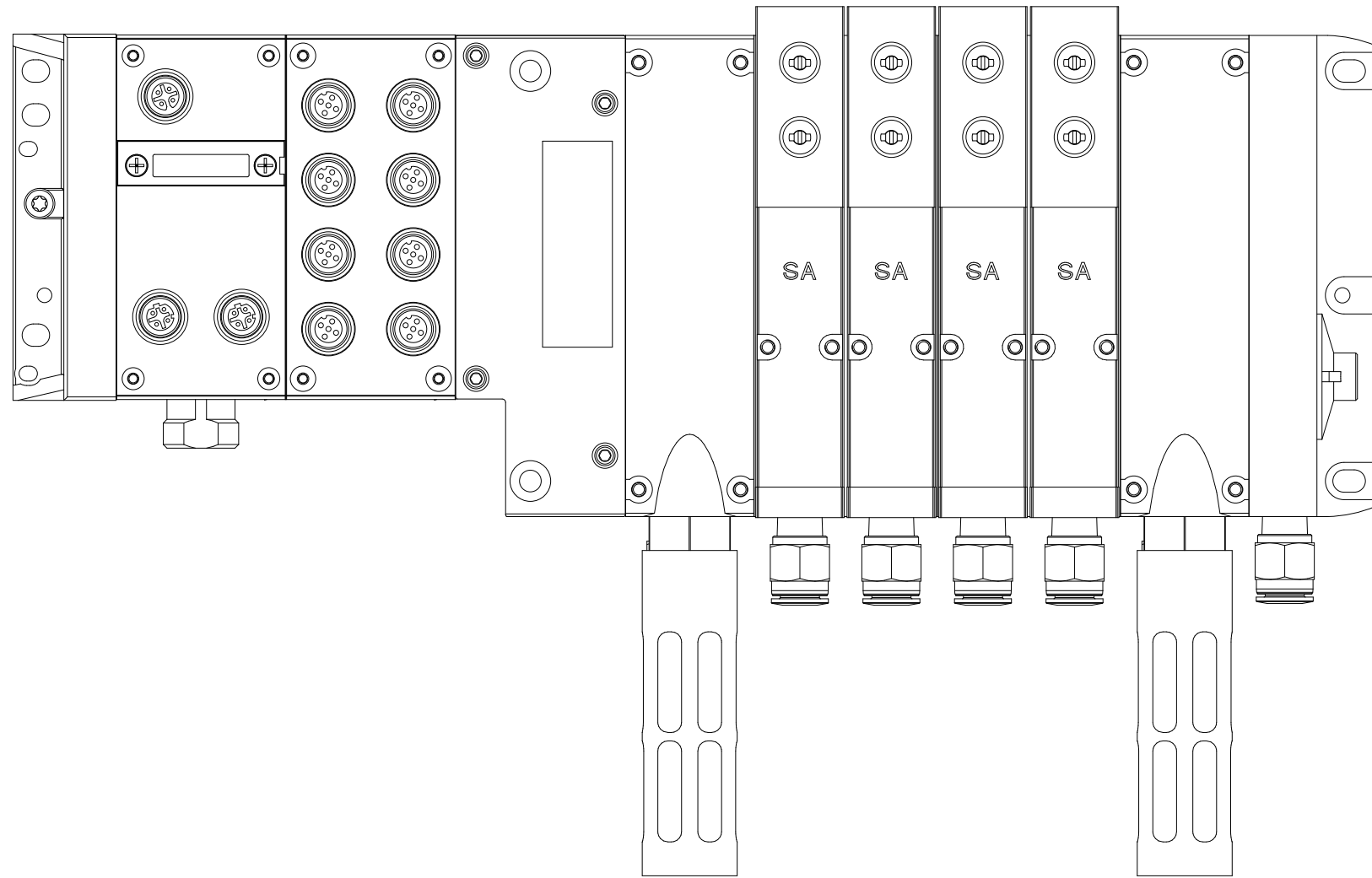


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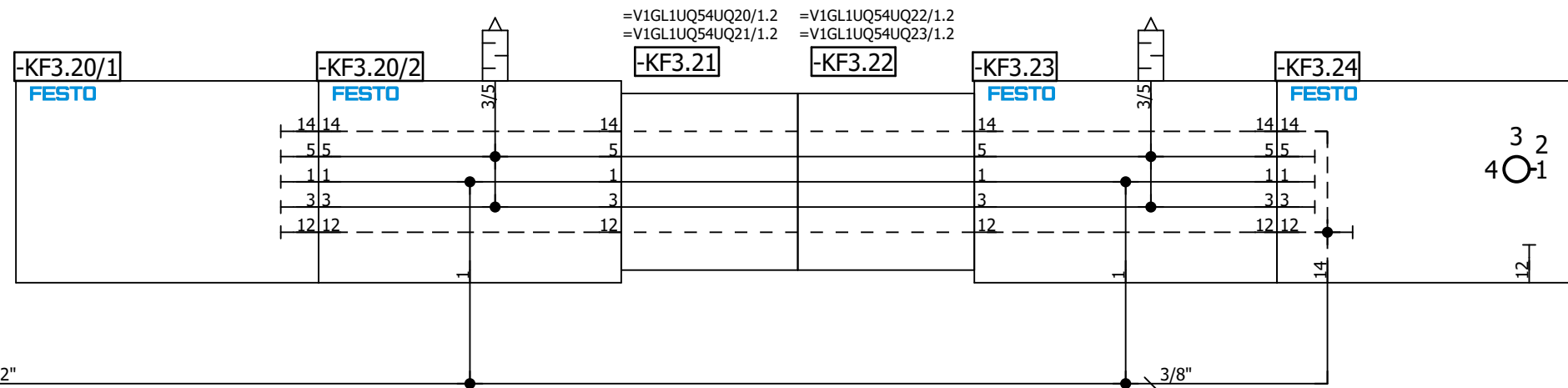
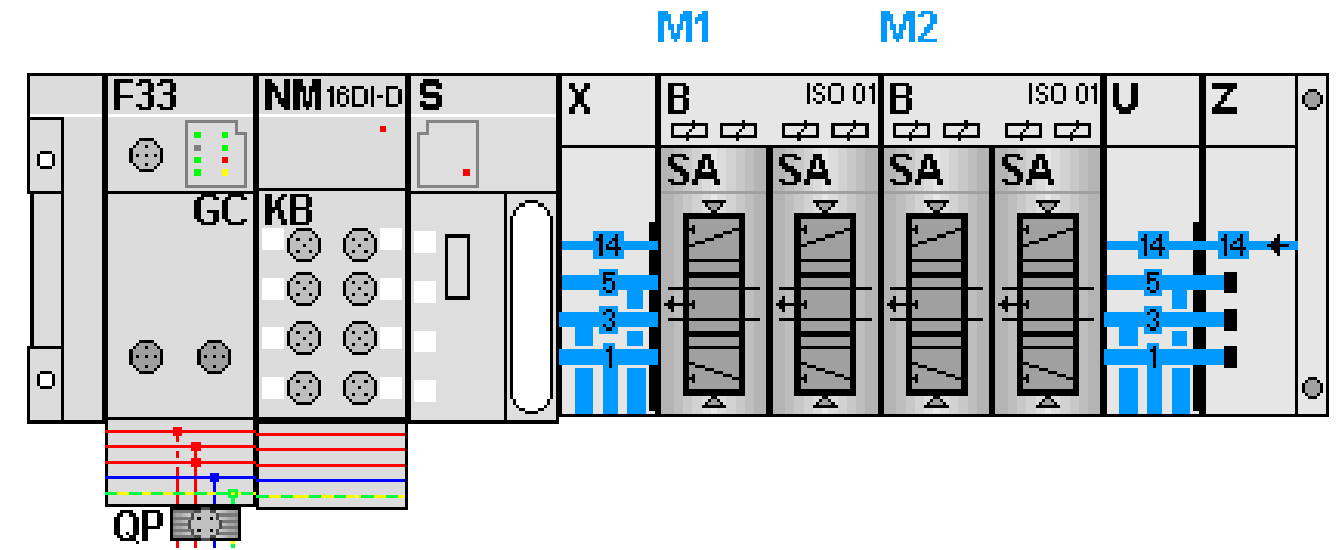


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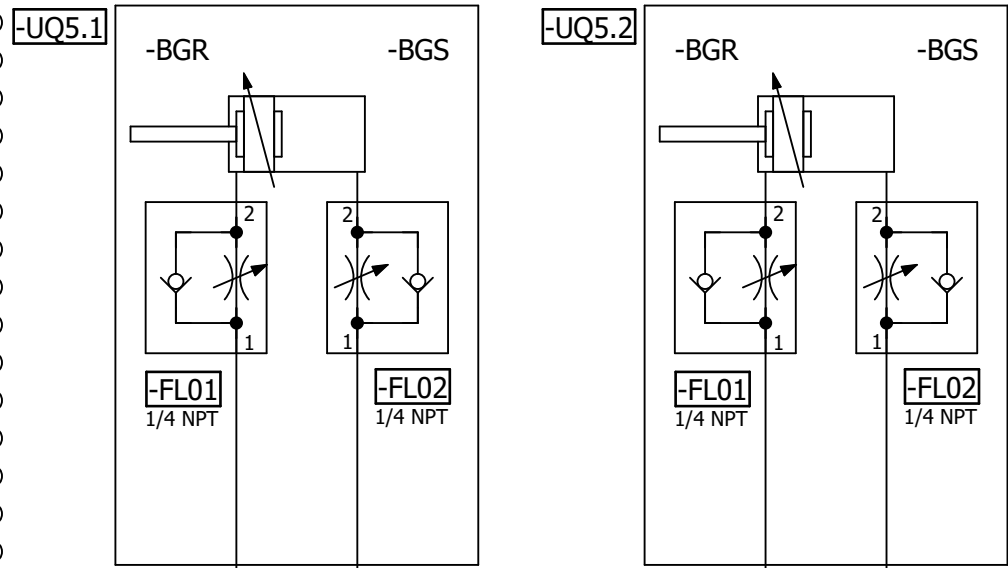
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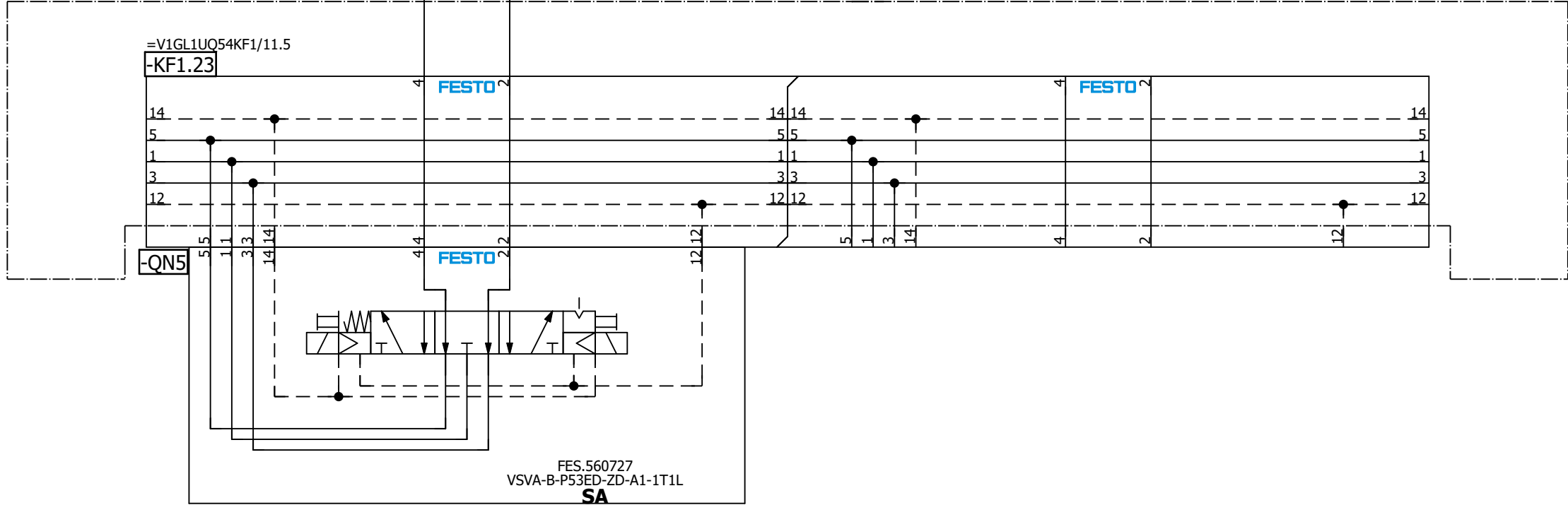


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Appr.			Replacement of		Scale 1:1	Document type:	Project nr:		Page 11
Original			Replaced by				MFS	22-16150	



=V1GL1UQ54KF1



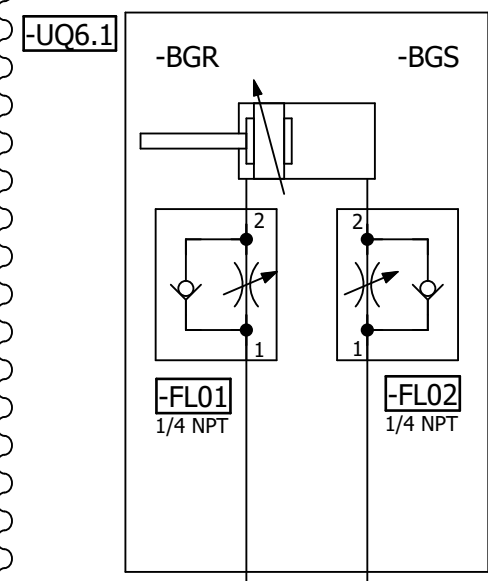
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Shot Pins 5
(RST)

=V1GL1UQ54
-UQ5-QN5.2
Shot Pins 5
(SET)

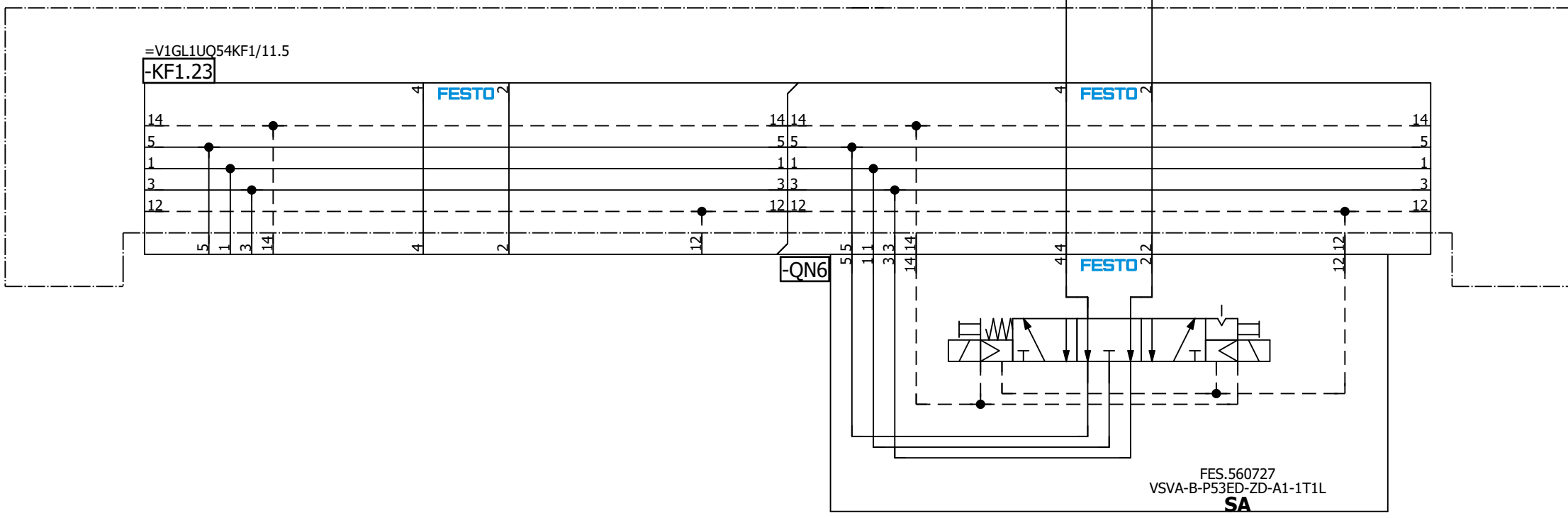
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			Appr		P6700 Bodyside LH - Robot Cell 2V09						Document type:		Project nr:	
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1				MFS		22-16150	
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=V1GL1UQ54KF1



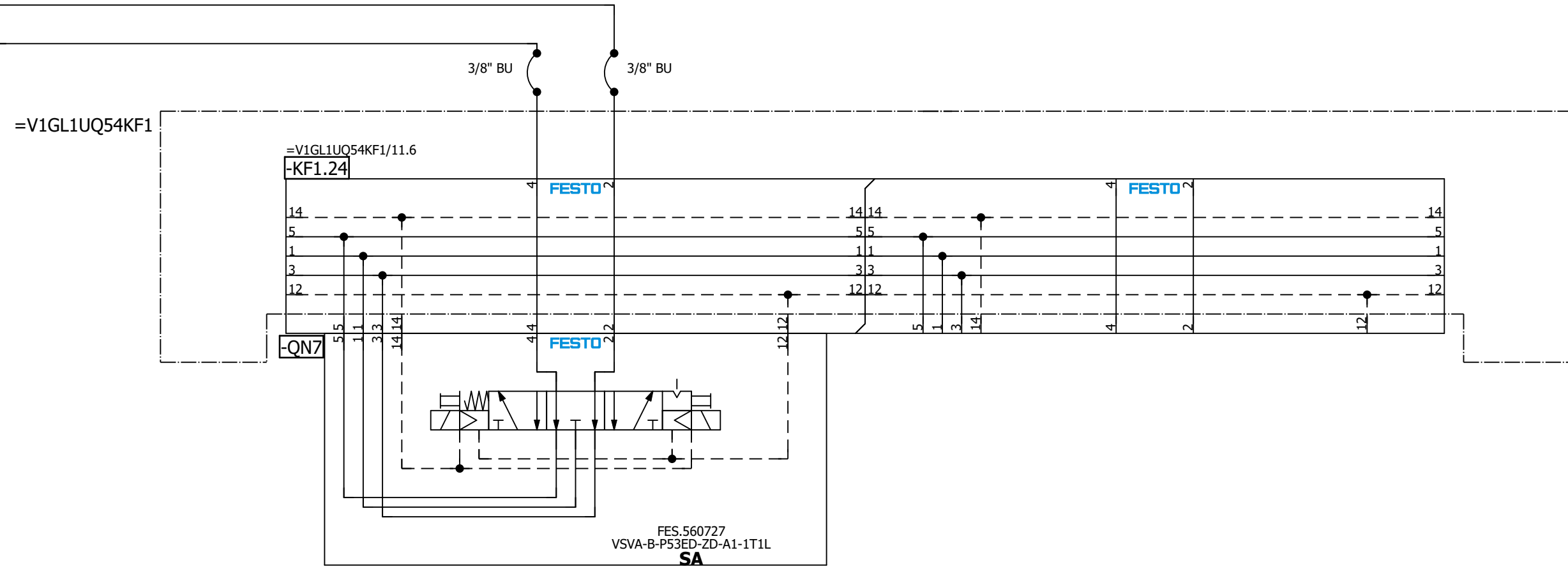
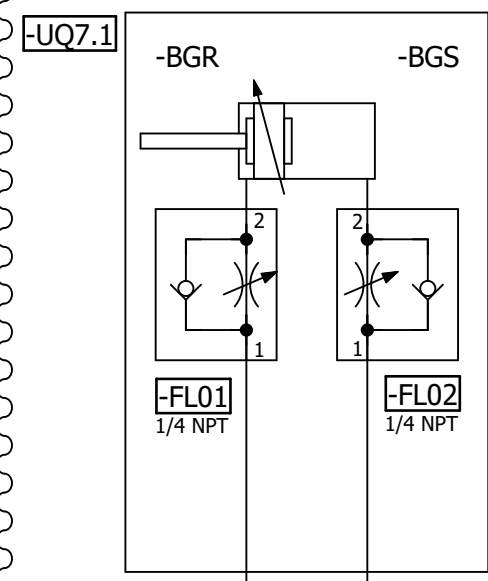
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Shot Pin 6
(RST)

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

=V1GL1UQ54UQ5/1

=V1GL1UQ54UQ7/1

Modification	Date	Name	Original	Date 1/9/2023	Ed. MKLEPADLO	Appr.	Date 1/9/2023	Name Volvo Trucks North America		Valiant TMS	Shot Pin 6	Drawing name: =2V09&MFS-PNEU	Project nr: 22-16150	Page 1
								Replacement of		Scale 1:1		= V1GL1UQ54UQ6 + V1GL1UQ54		404



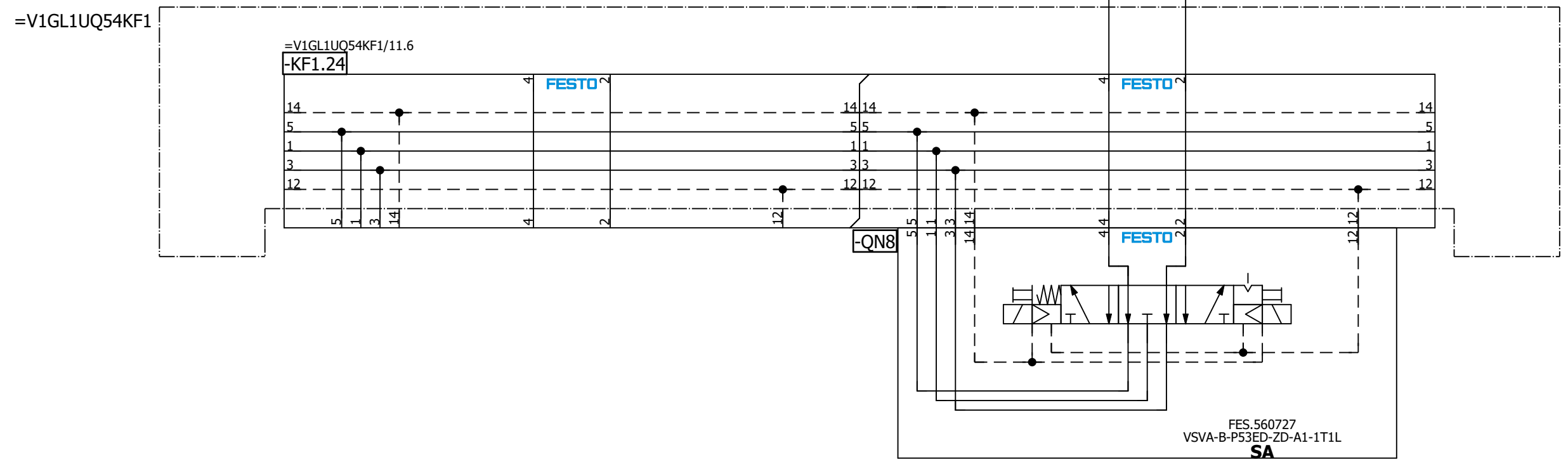
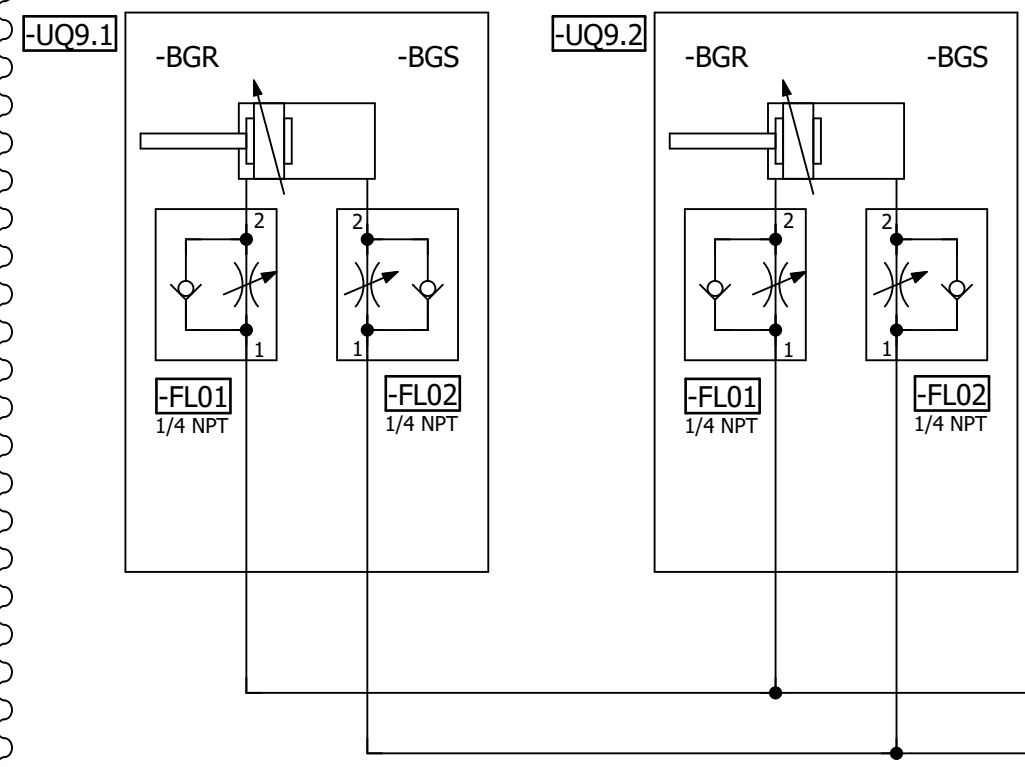
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Shot Pin 7
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Shot Pin 7
(SET)

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=V1GL1UQ54UQ8/1

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Date	Name	Original	Appr	Replacement of	Replaced by	P6700 Bodyside LH - Robot Cell 2V09	Document type: MFS			Project nr: 22-16150	Page 1	404	

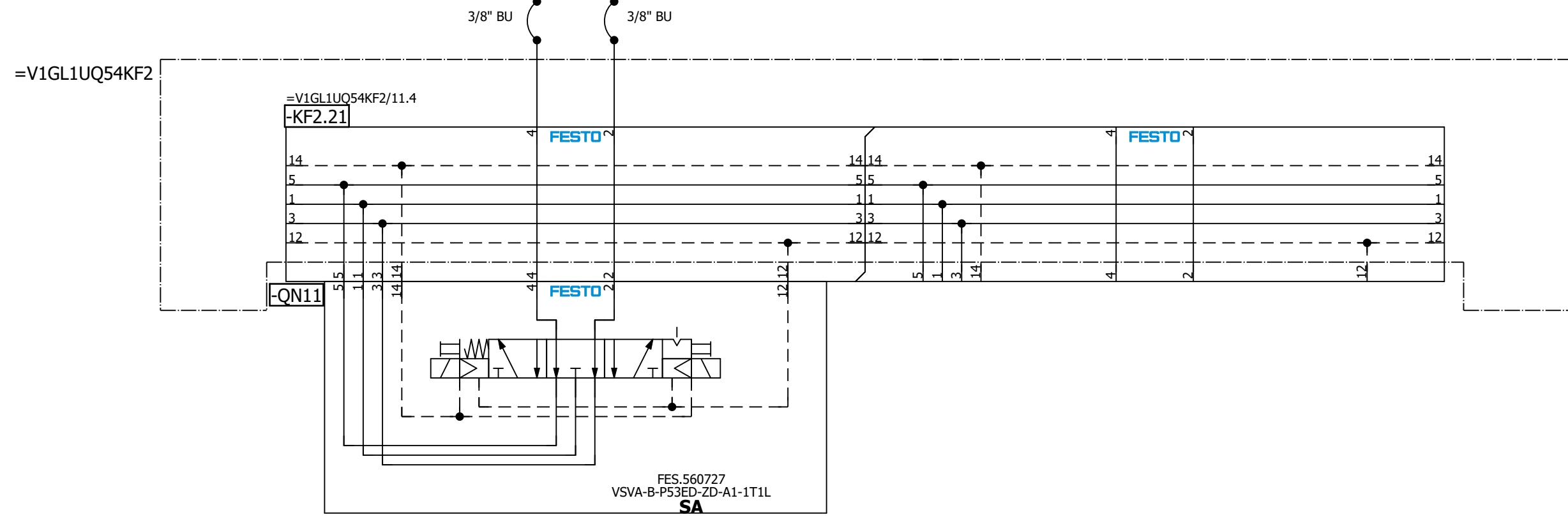
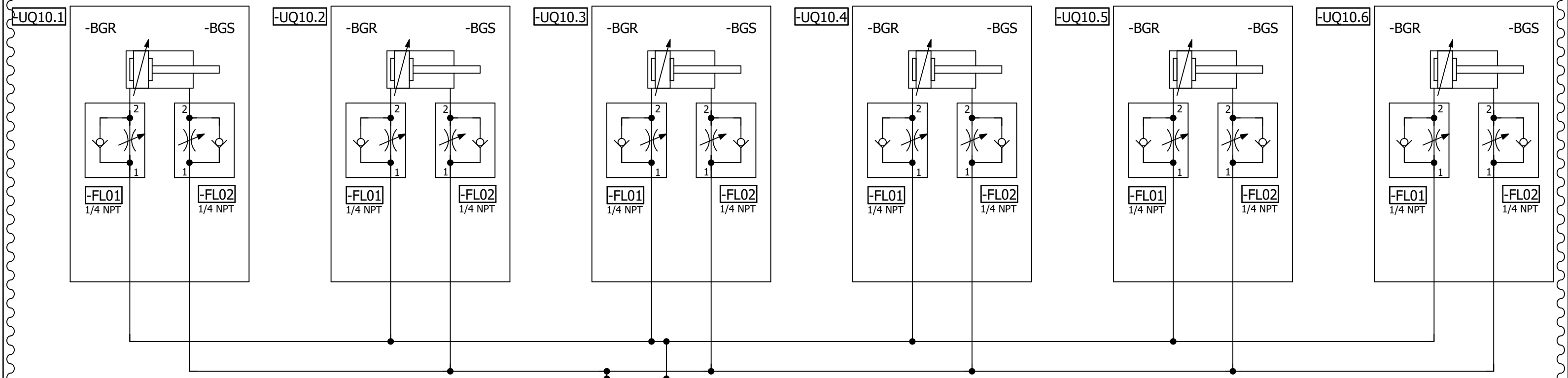


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Shot Pins 9
(RST)

=V1GL1UQ54
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Shot Pins 9
(SET)

=V1GL1UQ54UQ8/1 =V1GL1UQ54UQ10/1

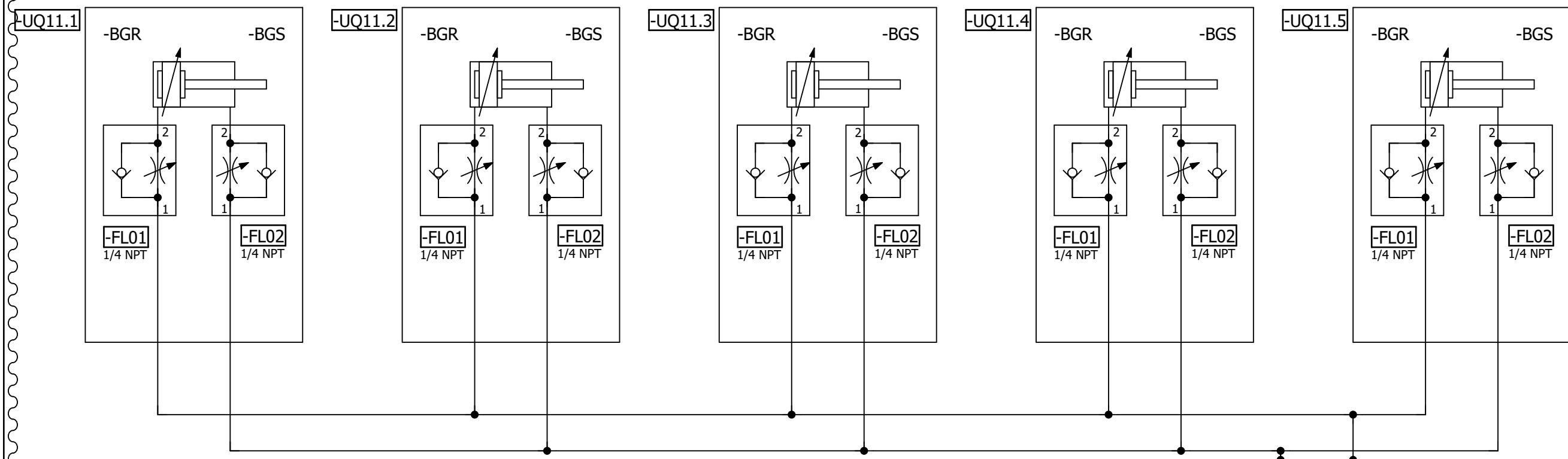
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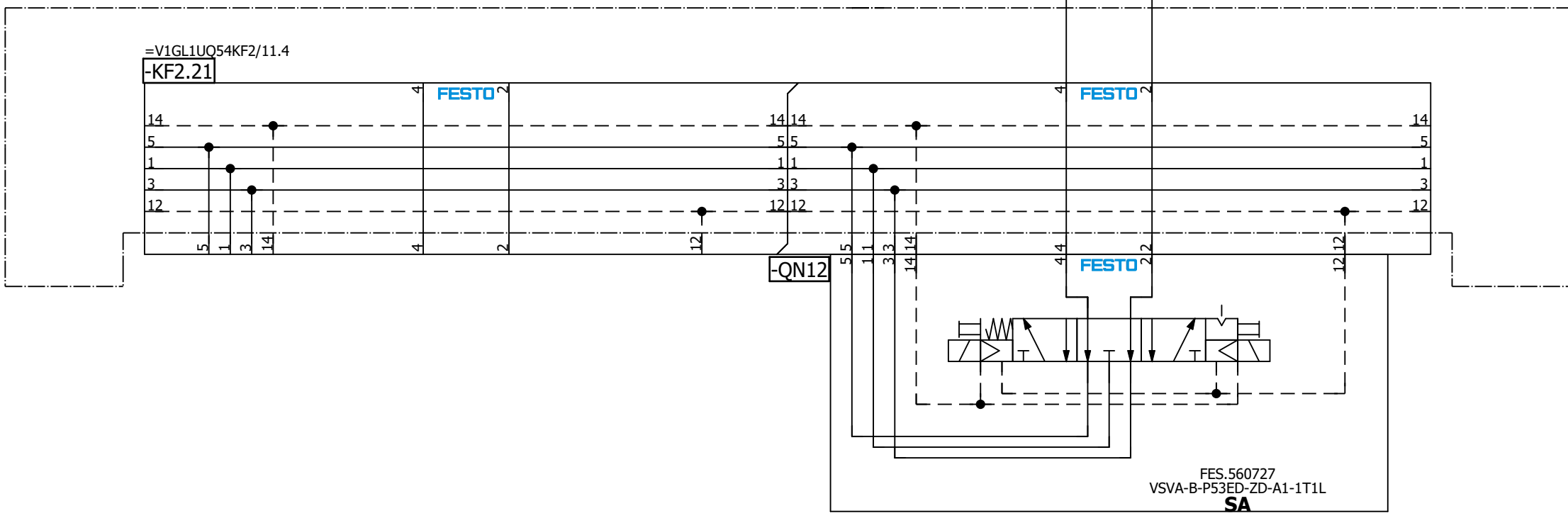
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Clamps 10
(RST)

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Clamps 10
(SET)

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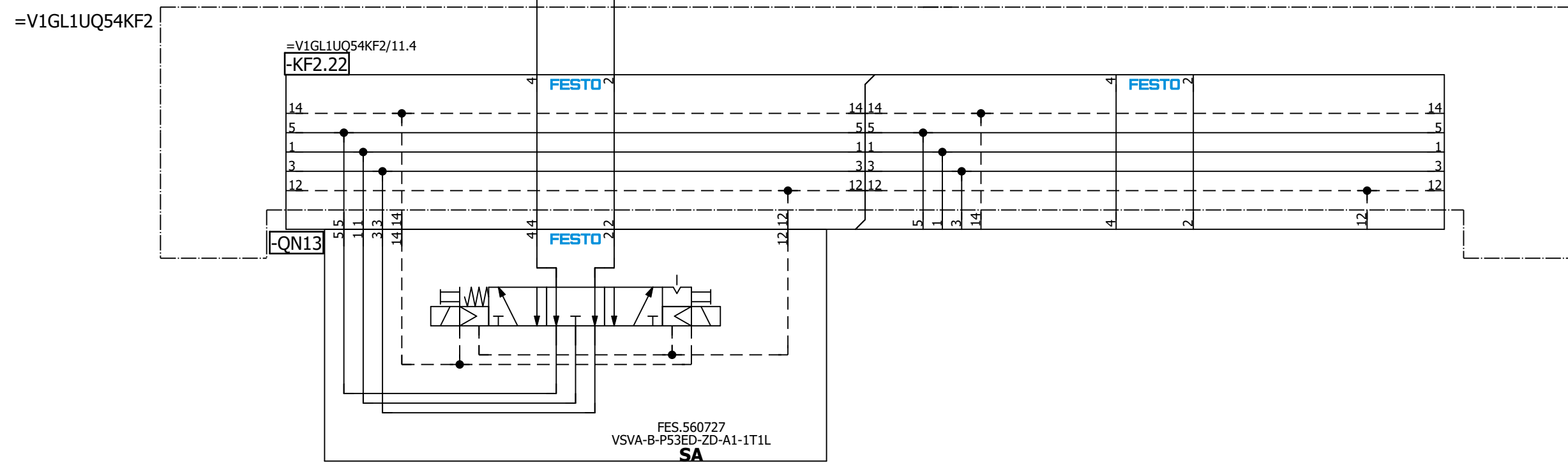
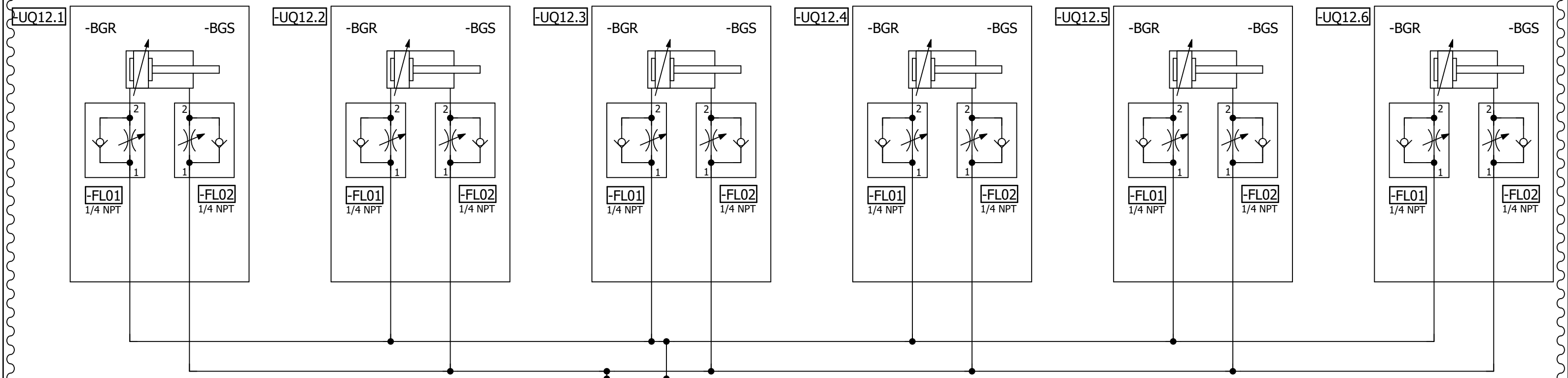
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Clamps 11
(RST)

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Clamps 11
(SET)

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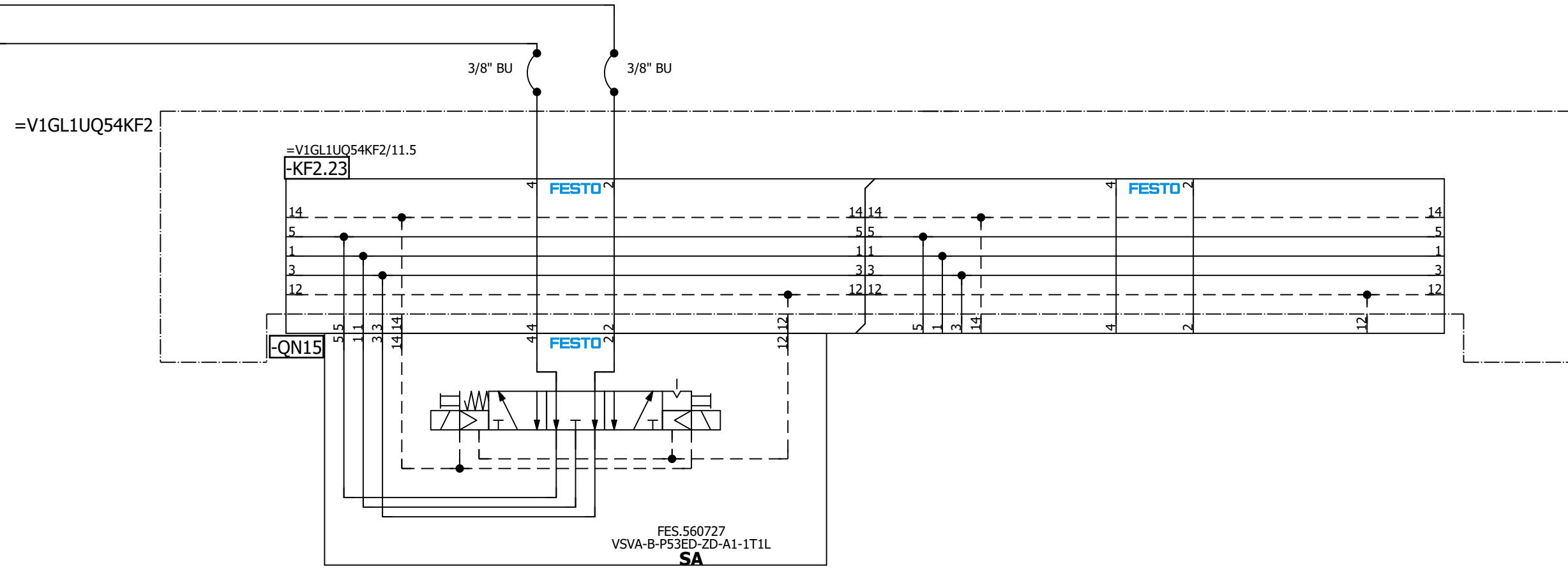
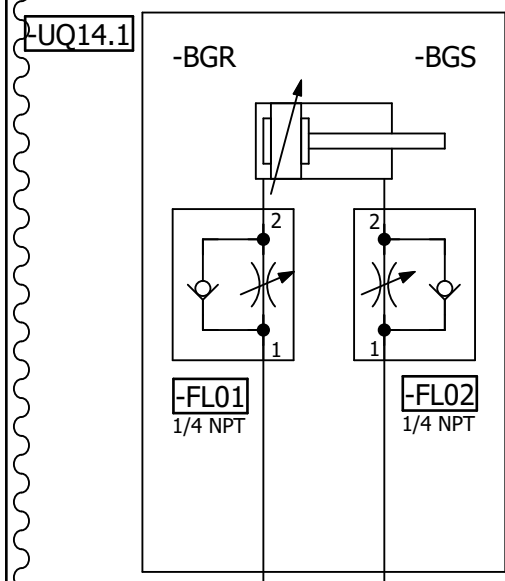
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Clamps 12
(RST)

=V1GL1UQ54
-UQ12-QN13.2
Clamps 12
(SET)

Date: 1/9/2023		Volvo Trucks North America		Valiant TMS		Clamps 12		Drawing name: =V1GL1UQ54UQ12		= V1GL1UQ54UQ12	
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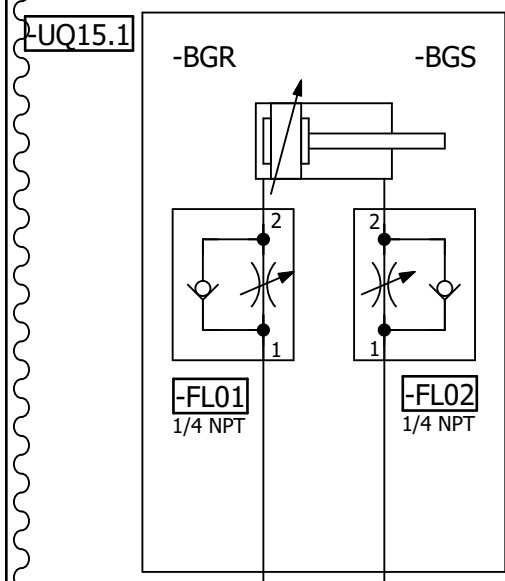


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Clamp 14
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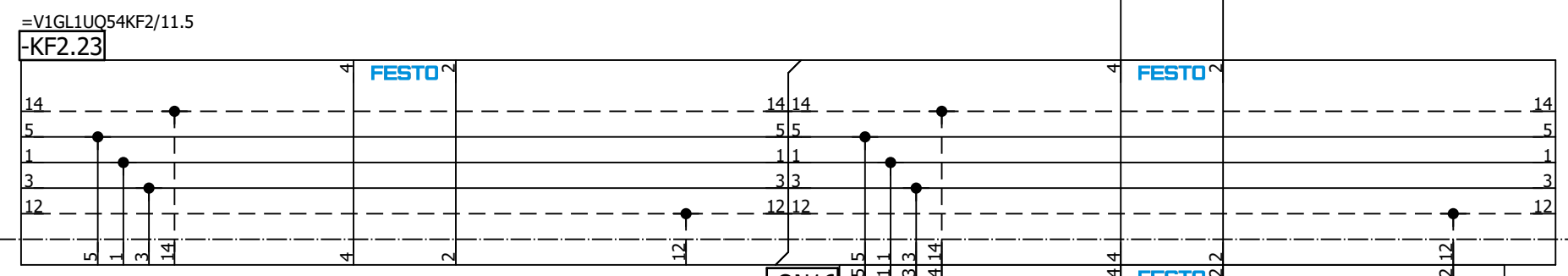
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Clamp 14
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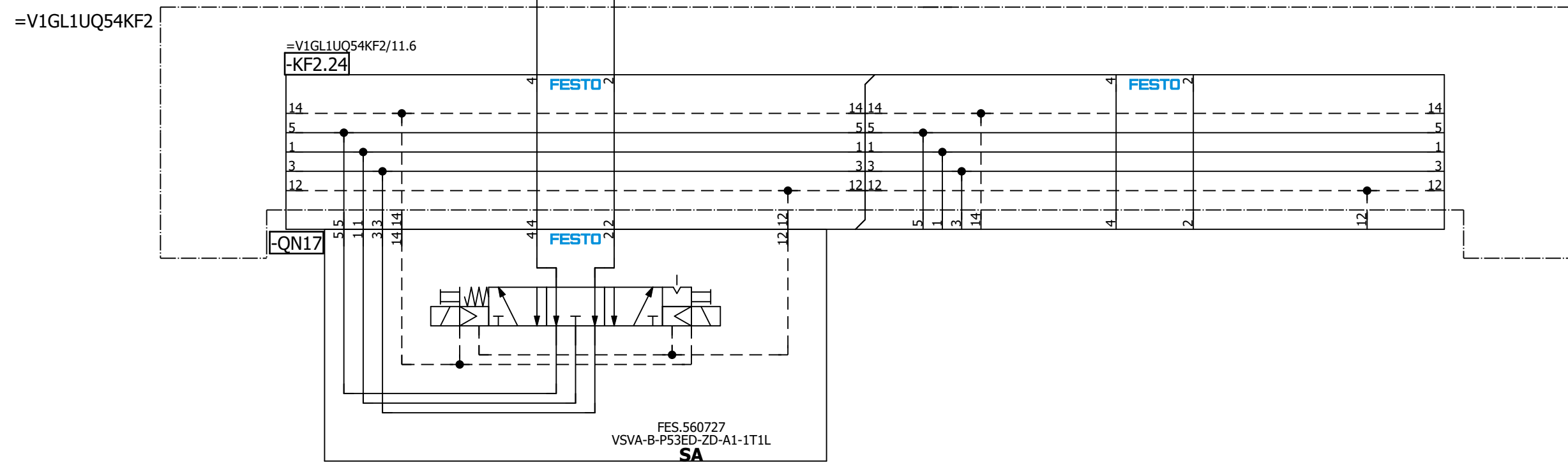
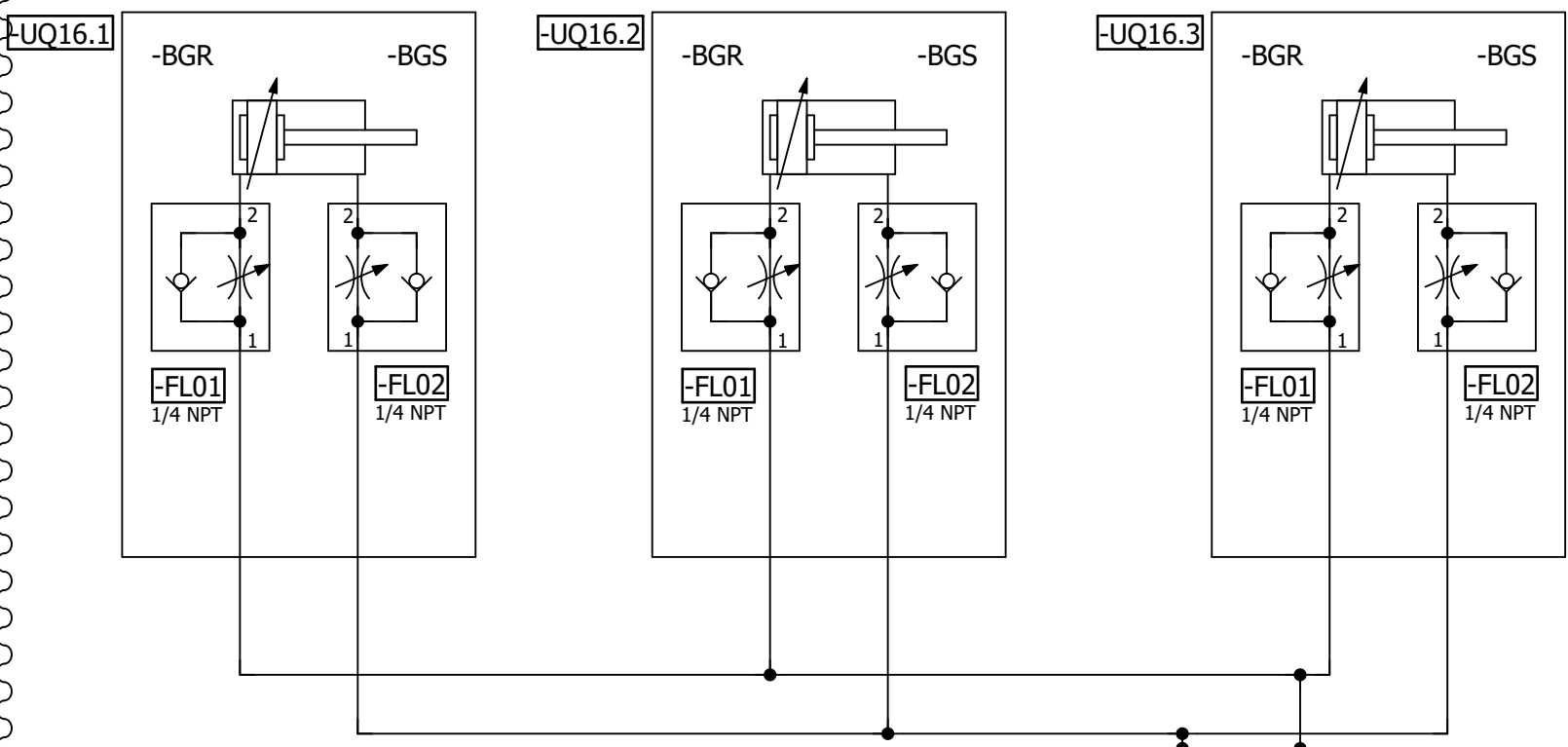
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Clamp 15
(RST)

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Clamp 15
(SET)

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Modification	Date	Name	Appr	Original	Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:
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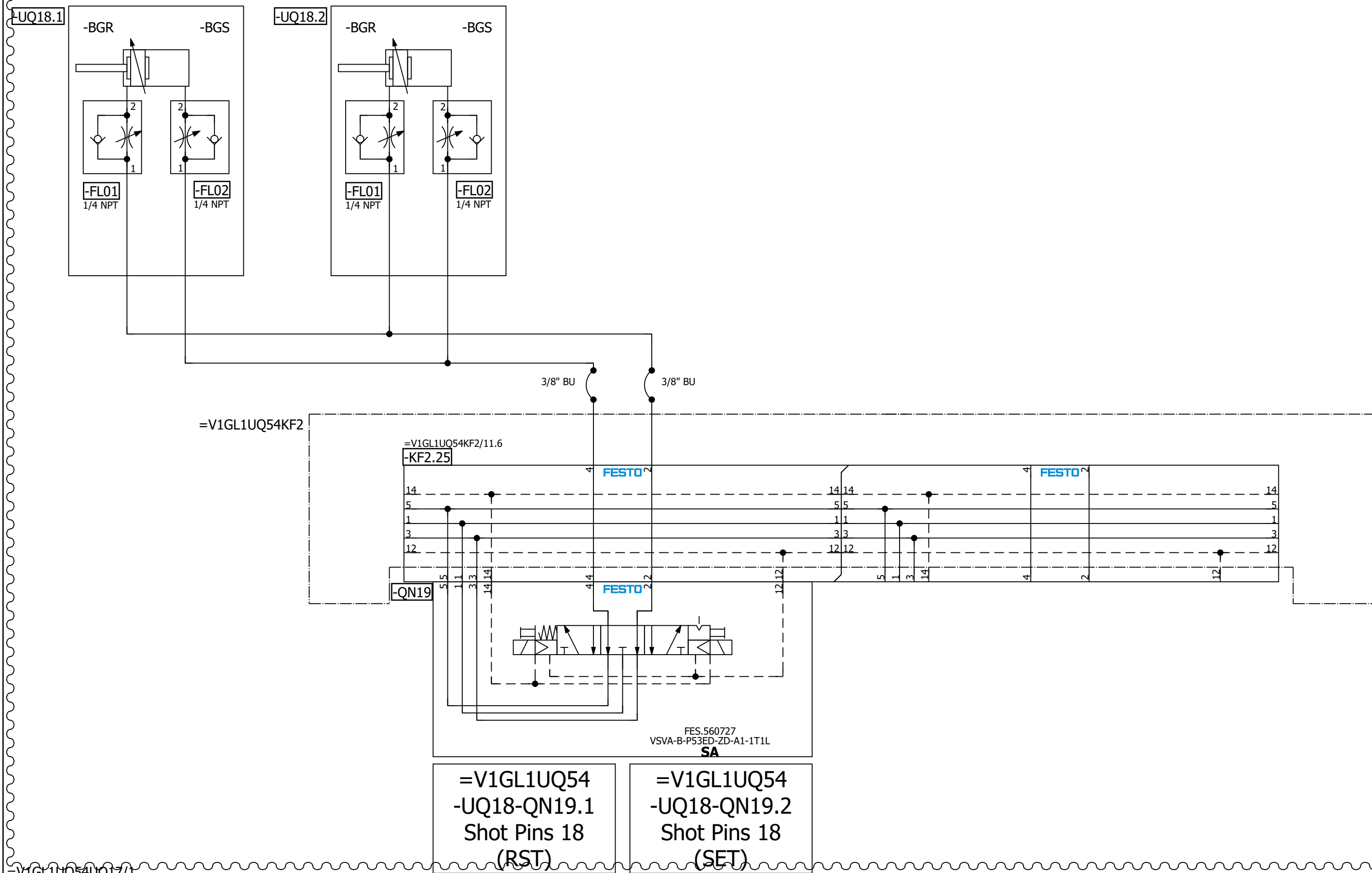
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Clamps 16
(RST)

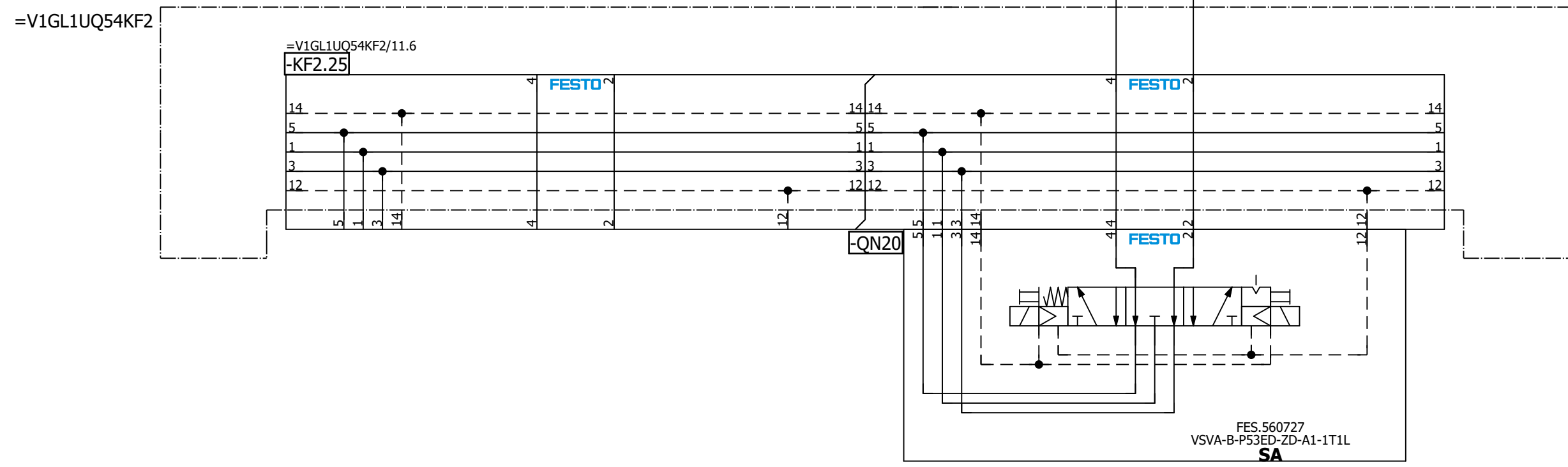
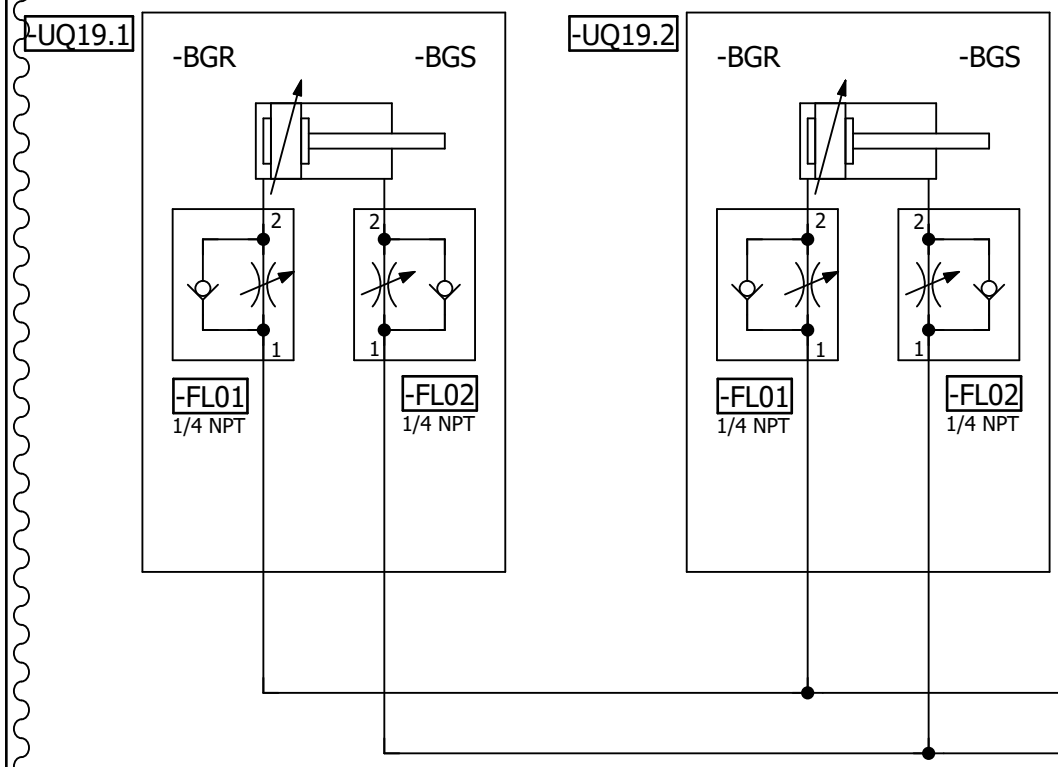
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Clamps 16
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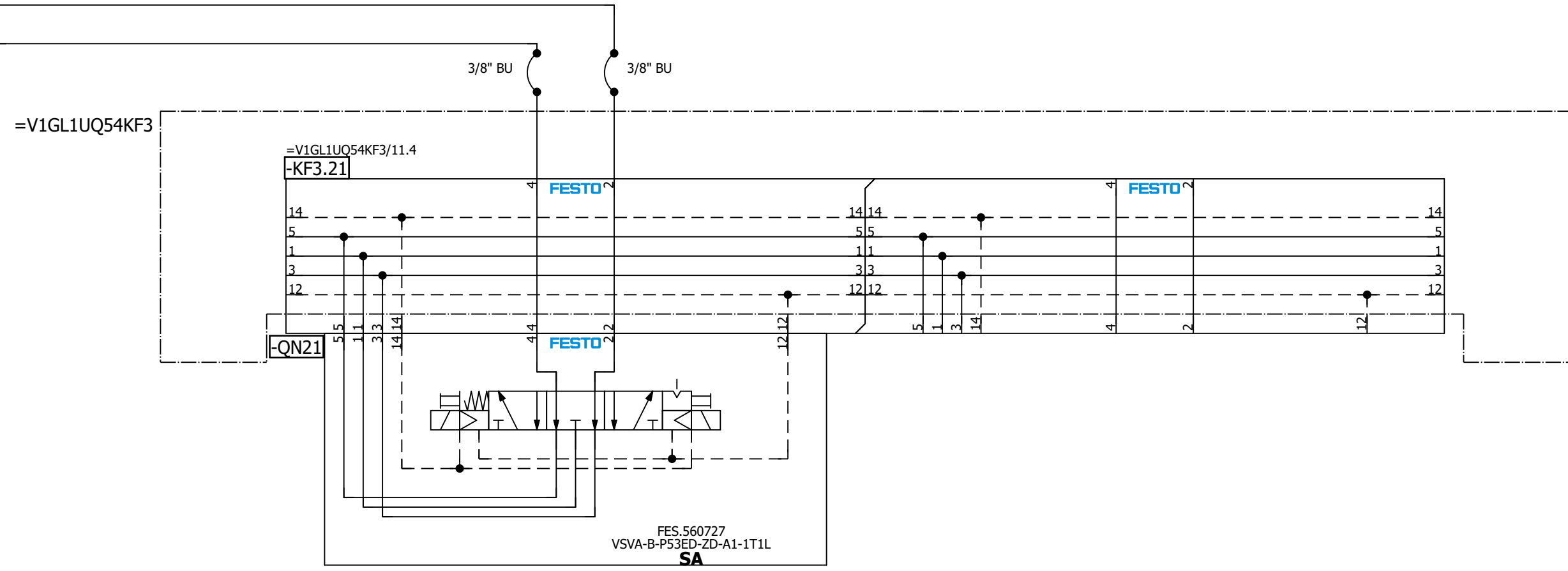
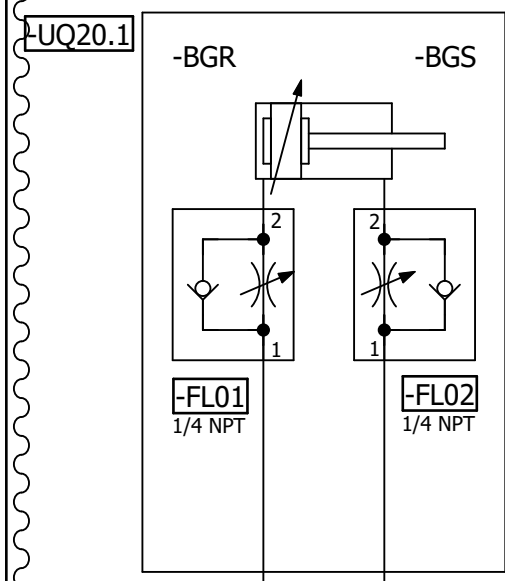
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Appr:		Replacement of		Replaced by		Document type: MFS		Project nr: 22-16150	
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Clamps 19
(RST)

=V1GL1UQ54
-UQ19-QN20.2
Clamps 19
(SET)

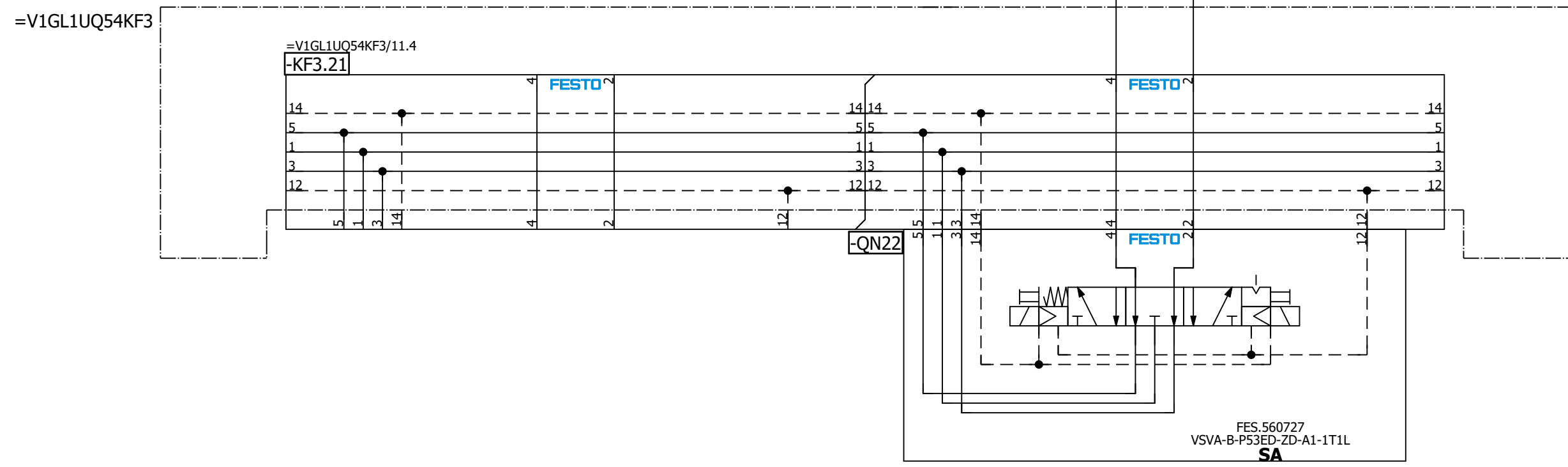
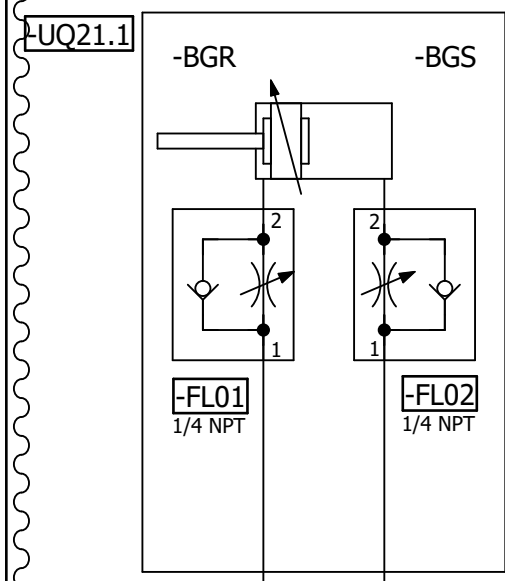


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=V1GL1UQ54
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Clamp 20
(SET)

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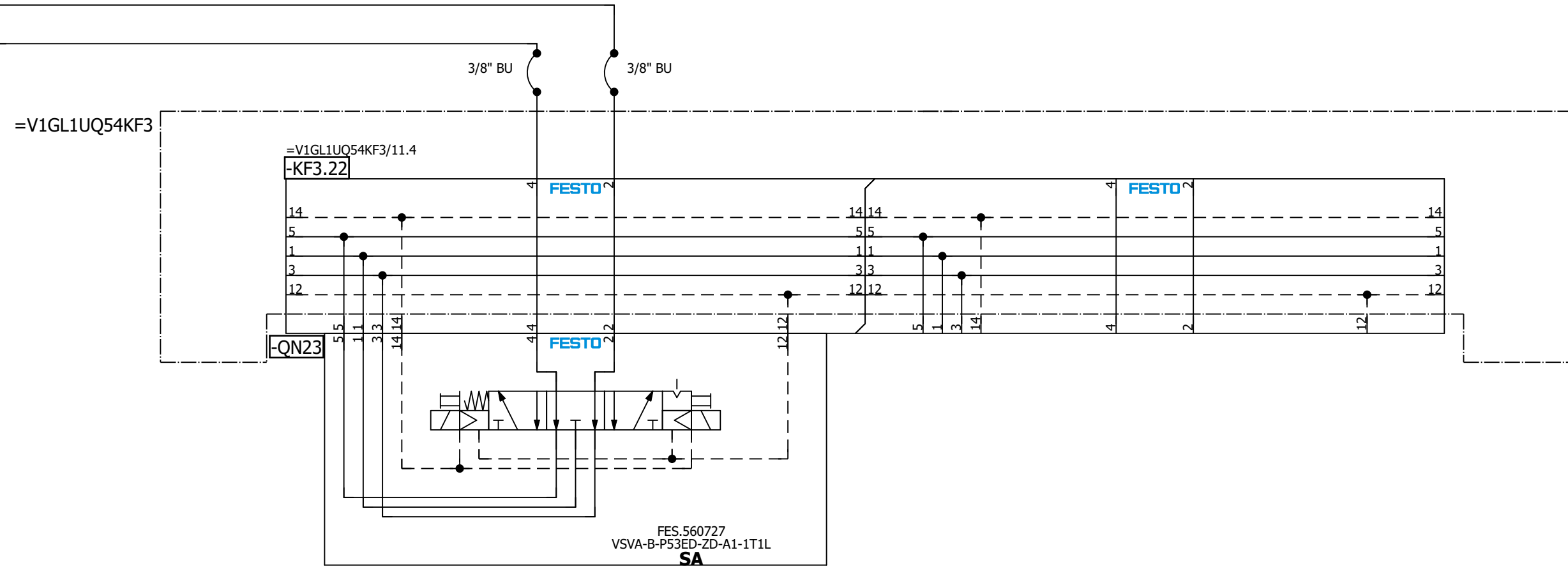
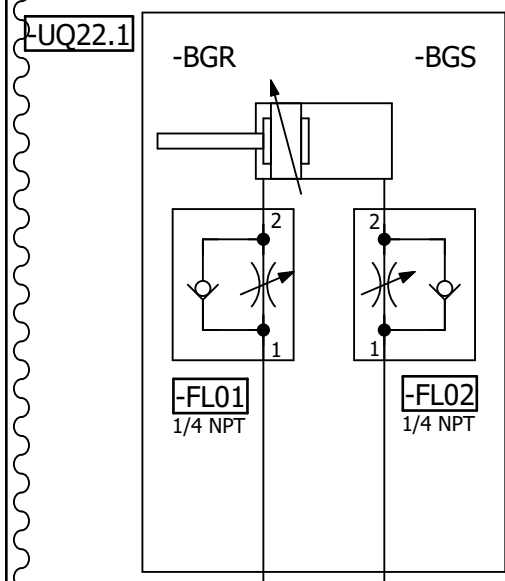
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Shot Pin 21
(RST)

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-UQ21-QN22.2
Shot Pin 21
(SET)

=V1GL1UQ54UQ20/1

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Modification	Date	Name	Appr	Original	Replacement of	Replaced by	Scale 1:1		Project nr:	22-16150
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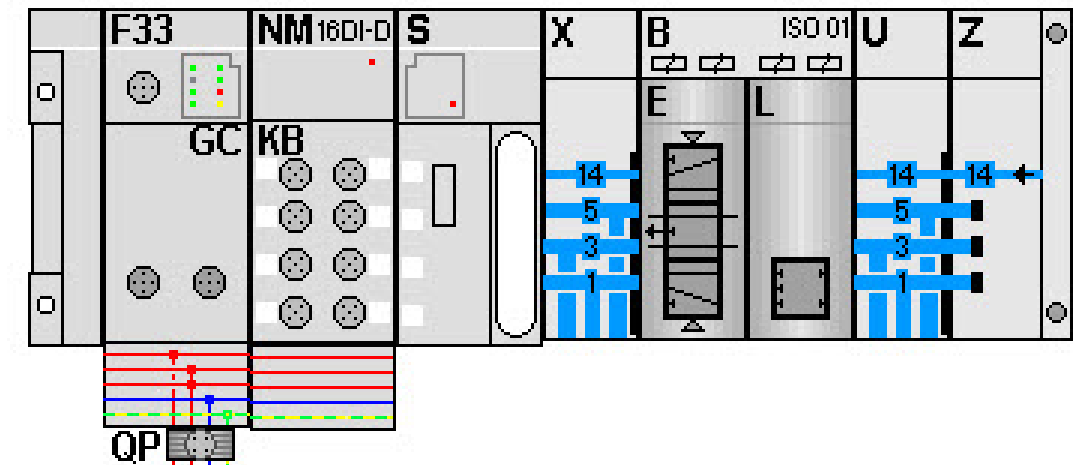
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Shot Pin 22
(RST)

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Shot Pin 22
(SET)

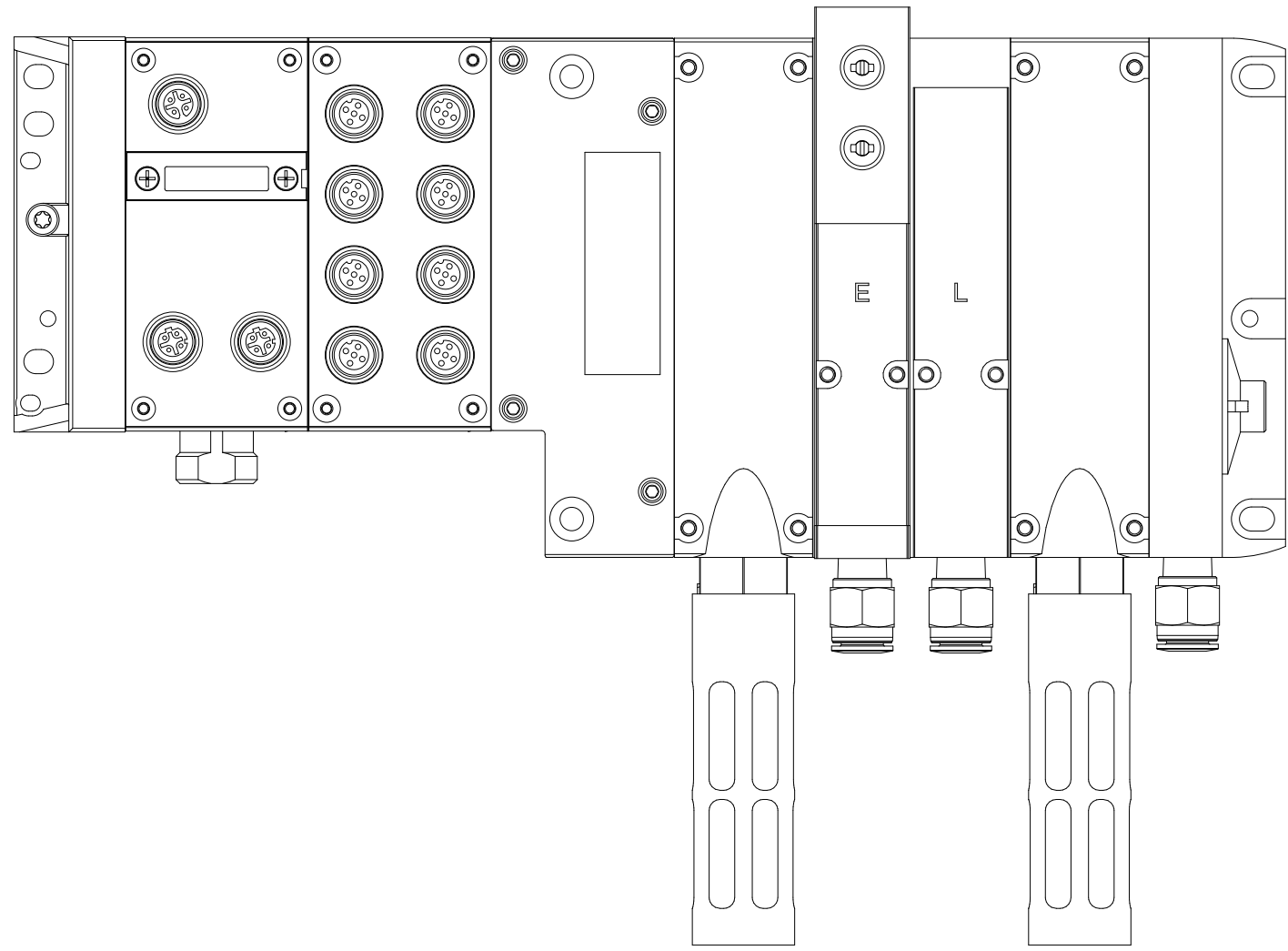
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Modification	Date	Name	Original	Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
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M1



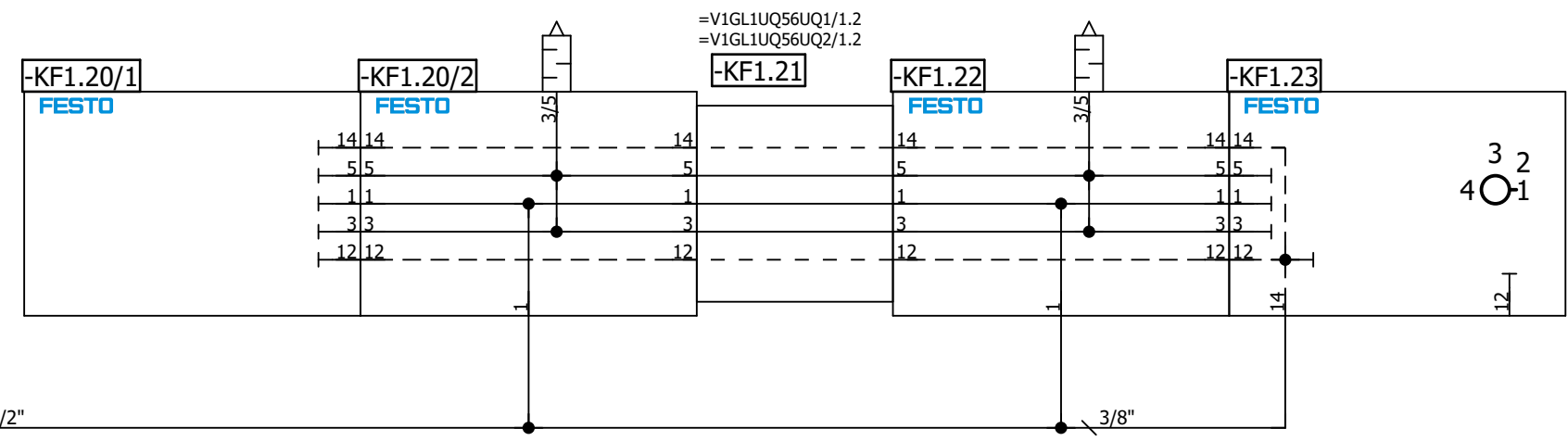
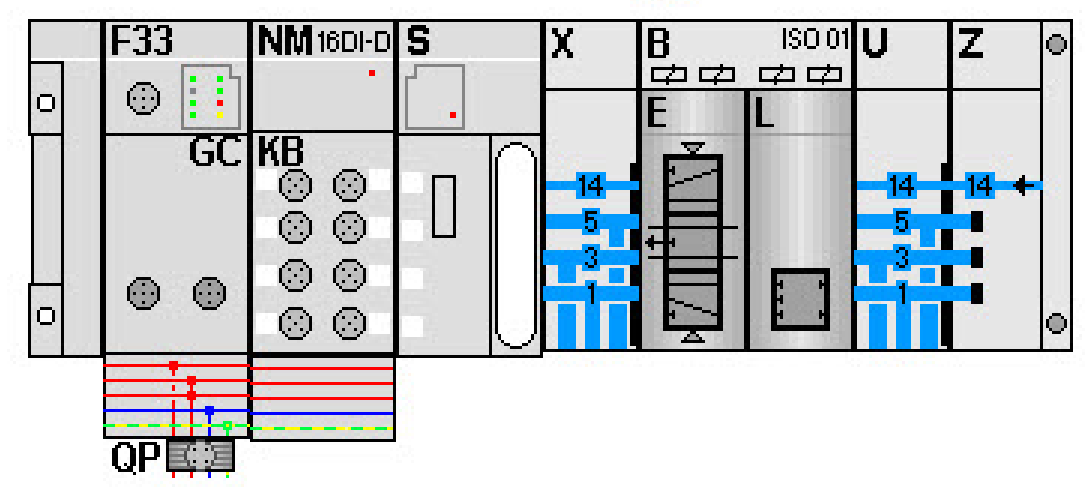
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Appr				Replacement of		Replaced by				Project nr:		22-16150			
Modification	Date	Name	Original							MFS		Page 5			
												+ V1GL1UQ56		404	

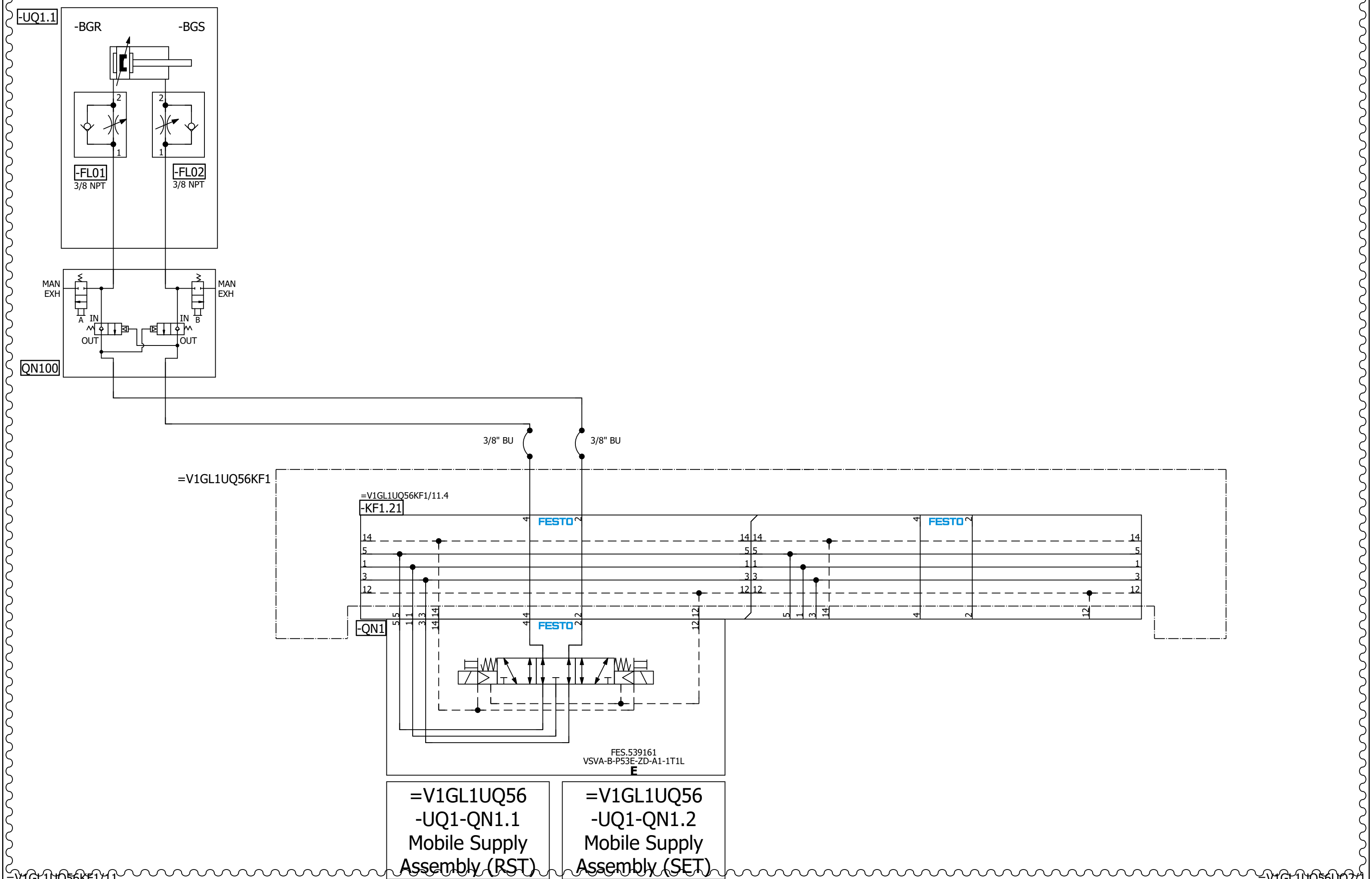
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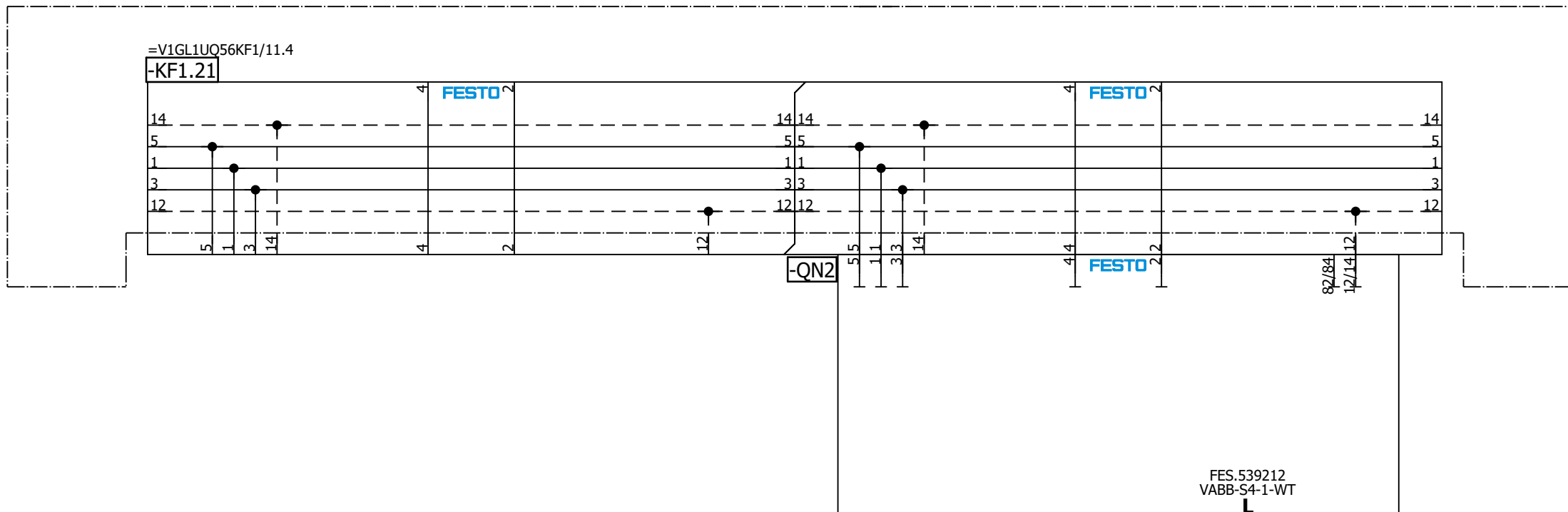
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Appr			Replacement of		Scale 1:1	Document type:	Project nr:		Page 11
Original			Replaced by				MFS	22-16150	



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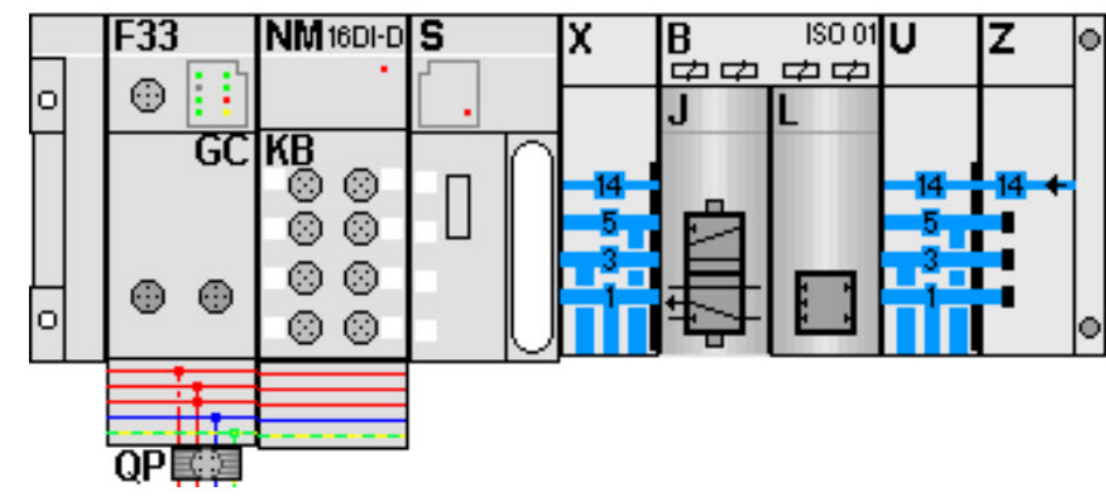


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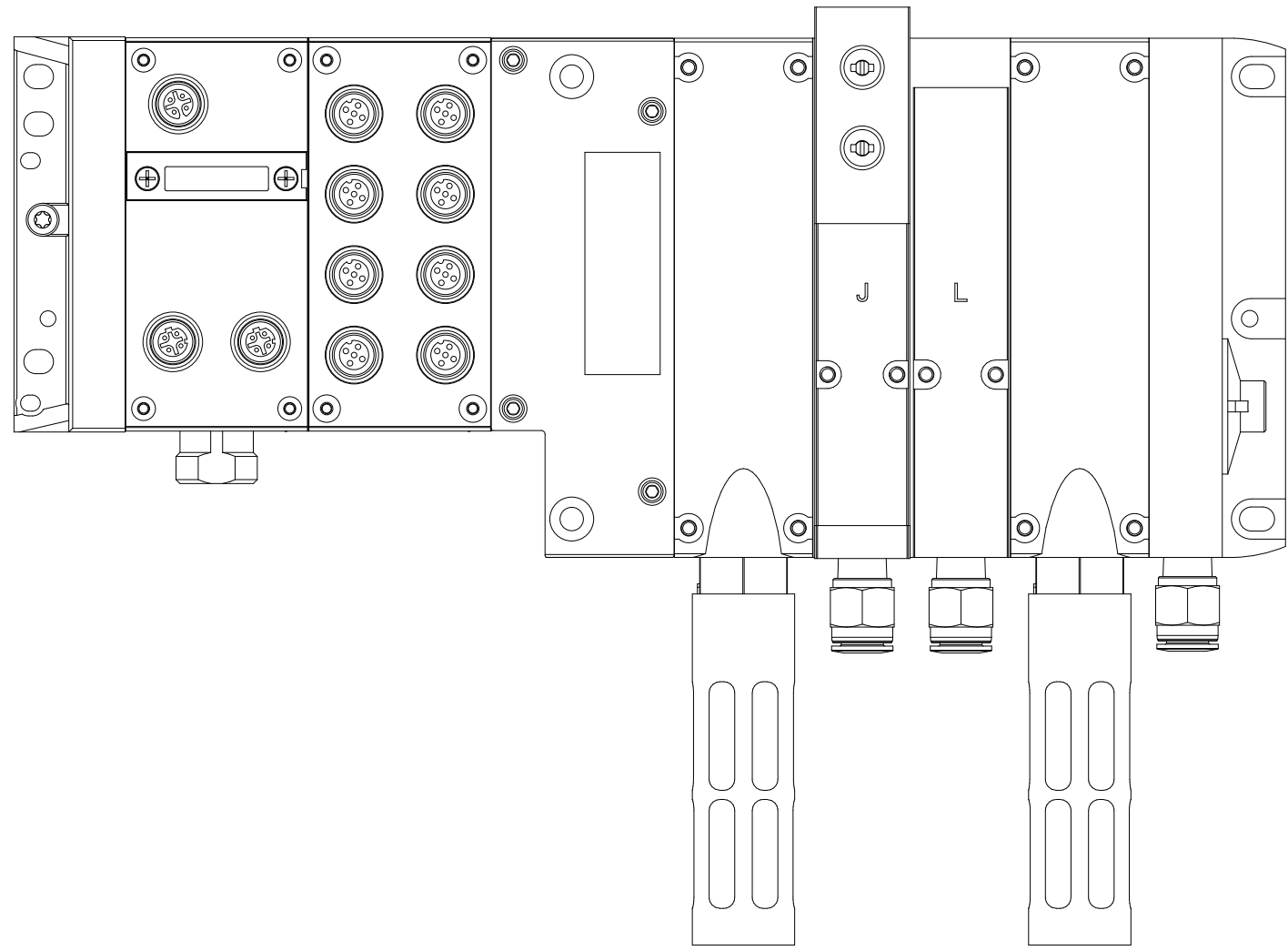
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL1UQ56			
Appr			Replacement of		Scale 1:1		Document type:		MFS	Project nr:		22-16150
Modification	Date	Name	Replaced by				FES.539212 VABB-S4-1-WT					

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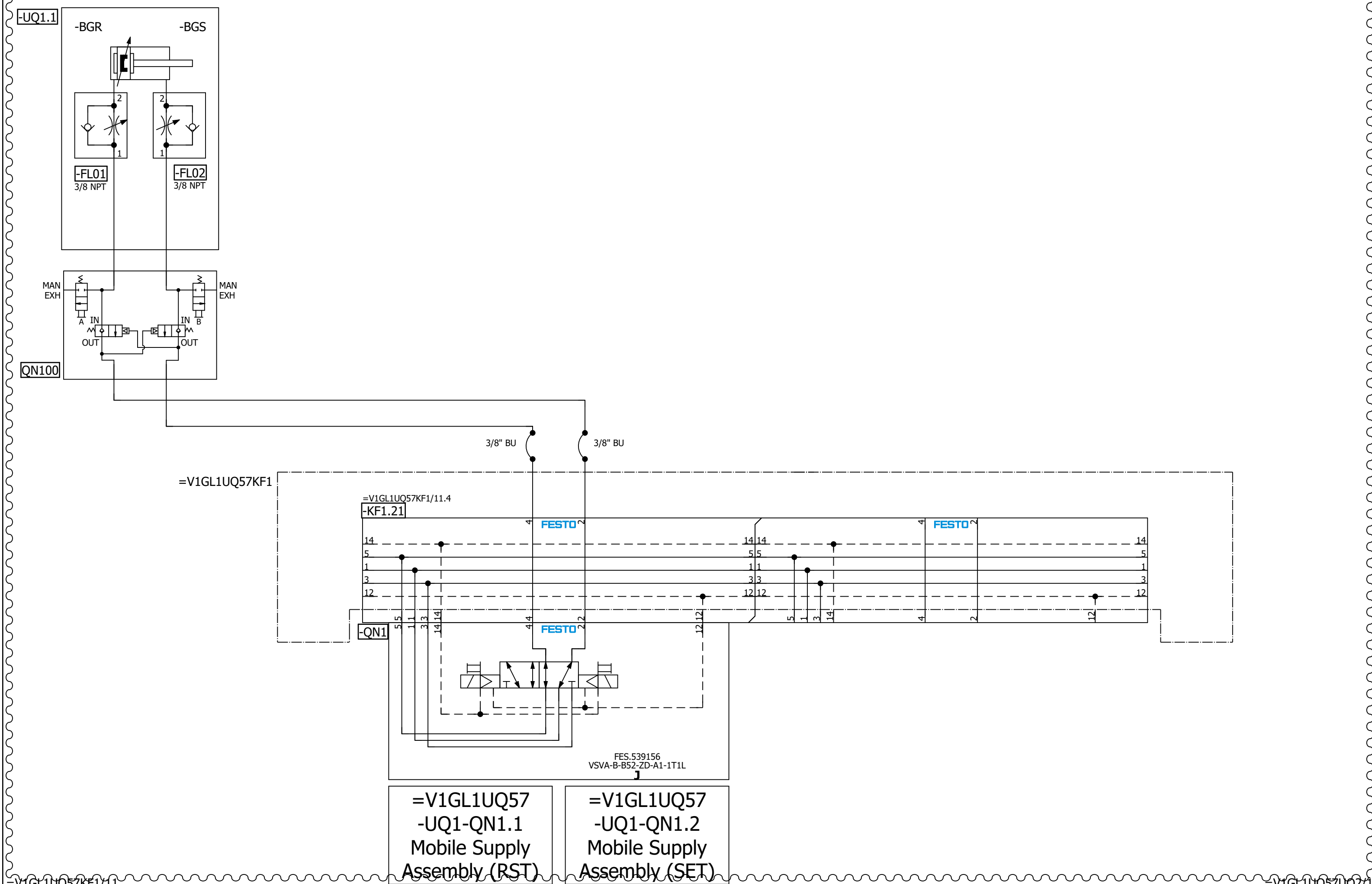


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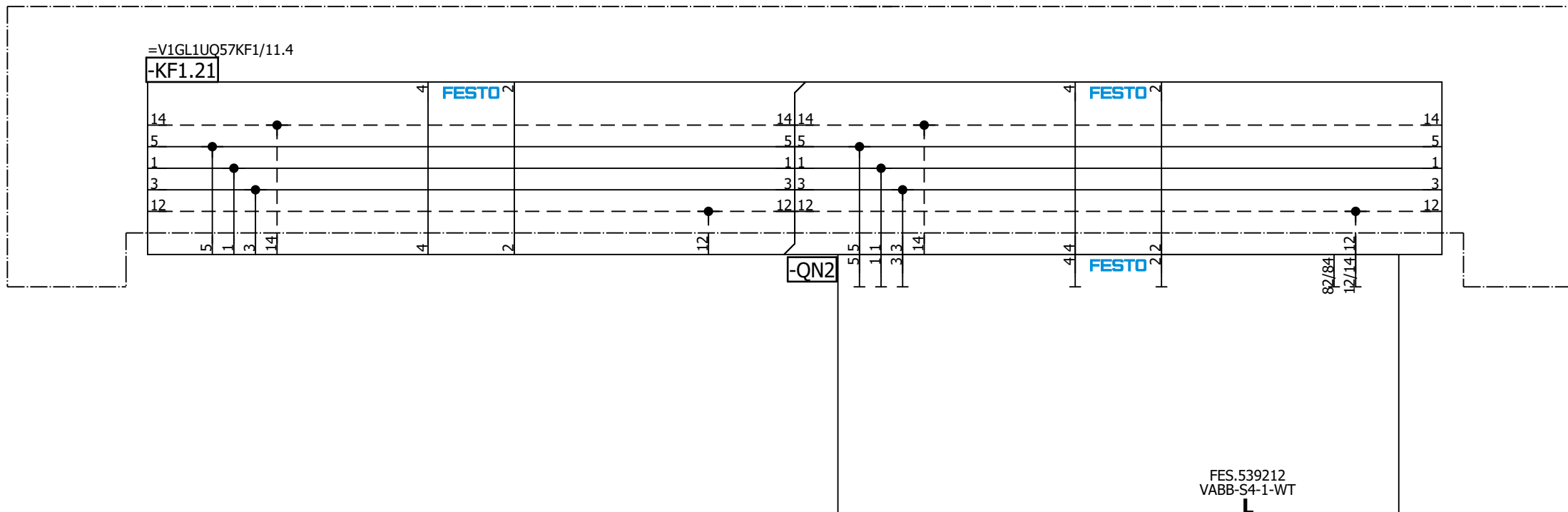


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Modification	Date	Name	Original	Replacement of	Replaced by							Page	5
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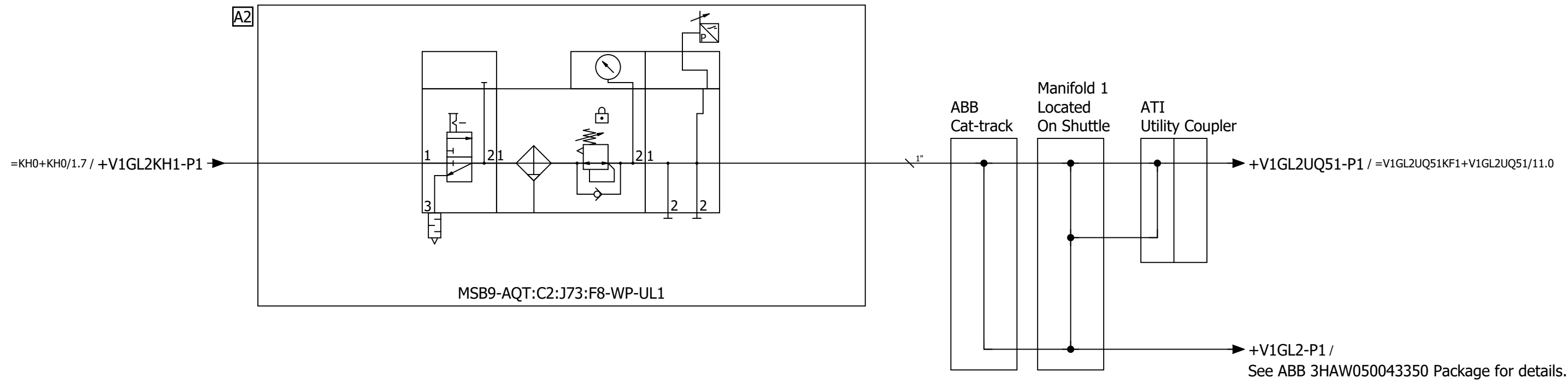
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=V1GL2+KH1/1

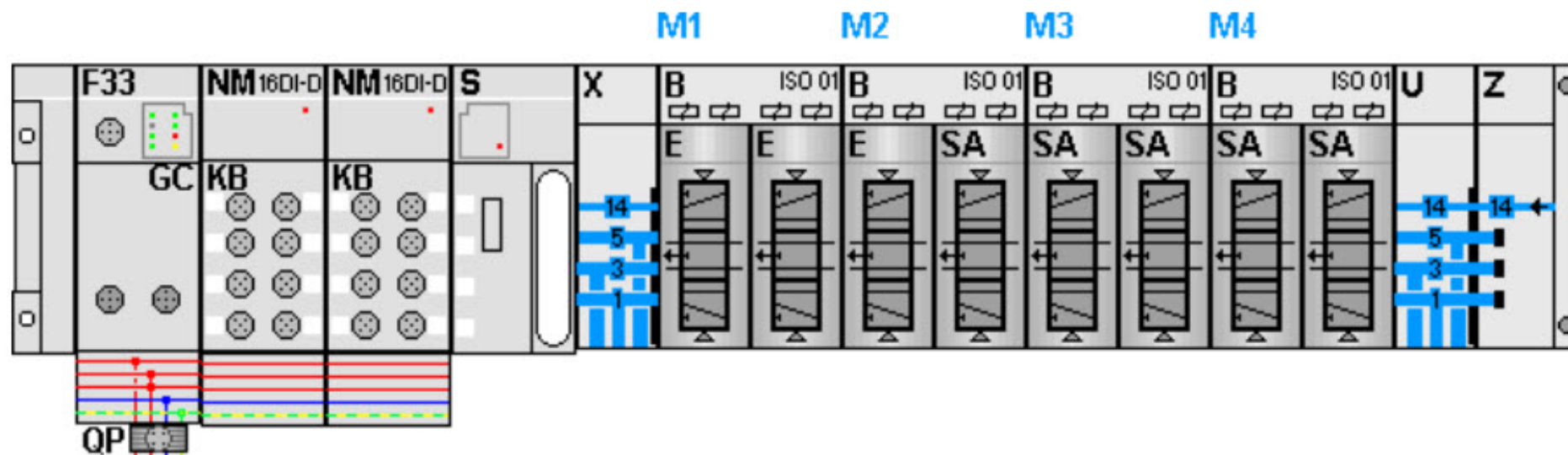
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Modification	Date	Name	Original	Replacement of	Replaced by							404



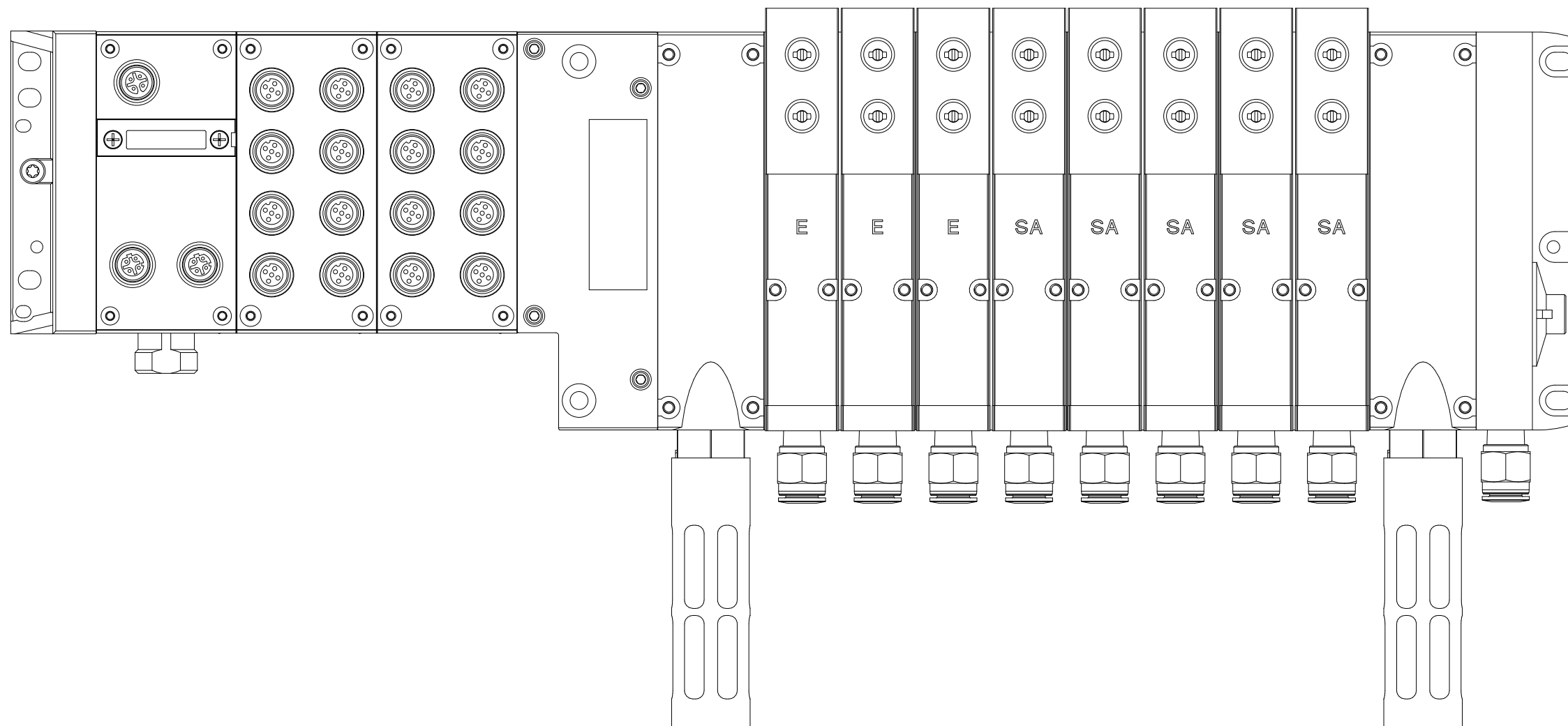
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=V1GL2UQ51KF1+V1GL2UQ51/5

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Modification	Date	Name	Original				MFS	22-16150		404



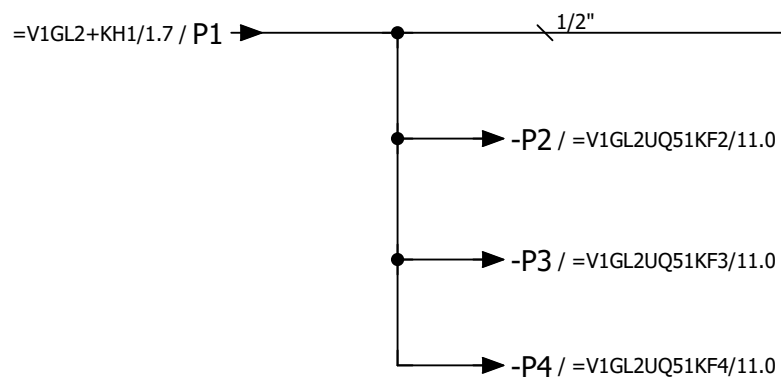
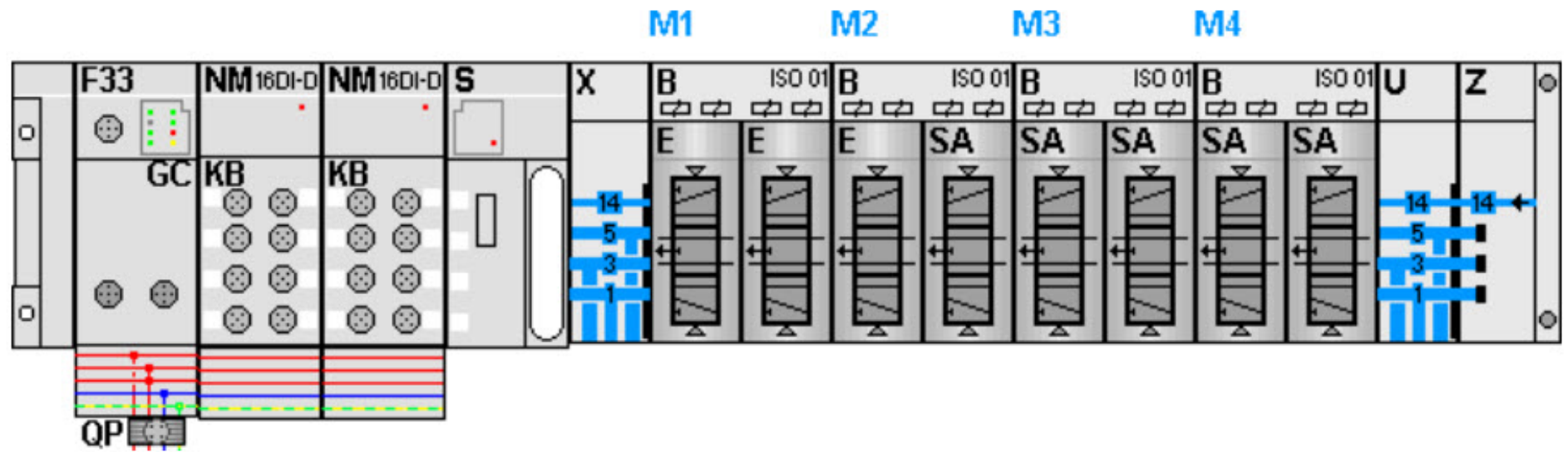
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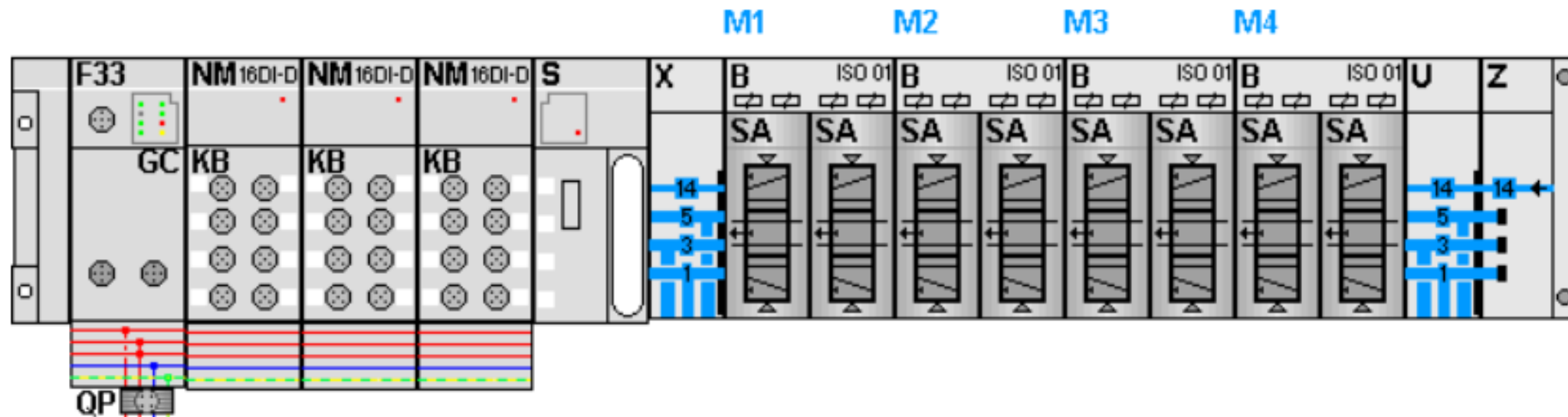
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1	Document type:	Project nr:	MFS	22-16150
Modification	Date	Name	Original	Replaced by					
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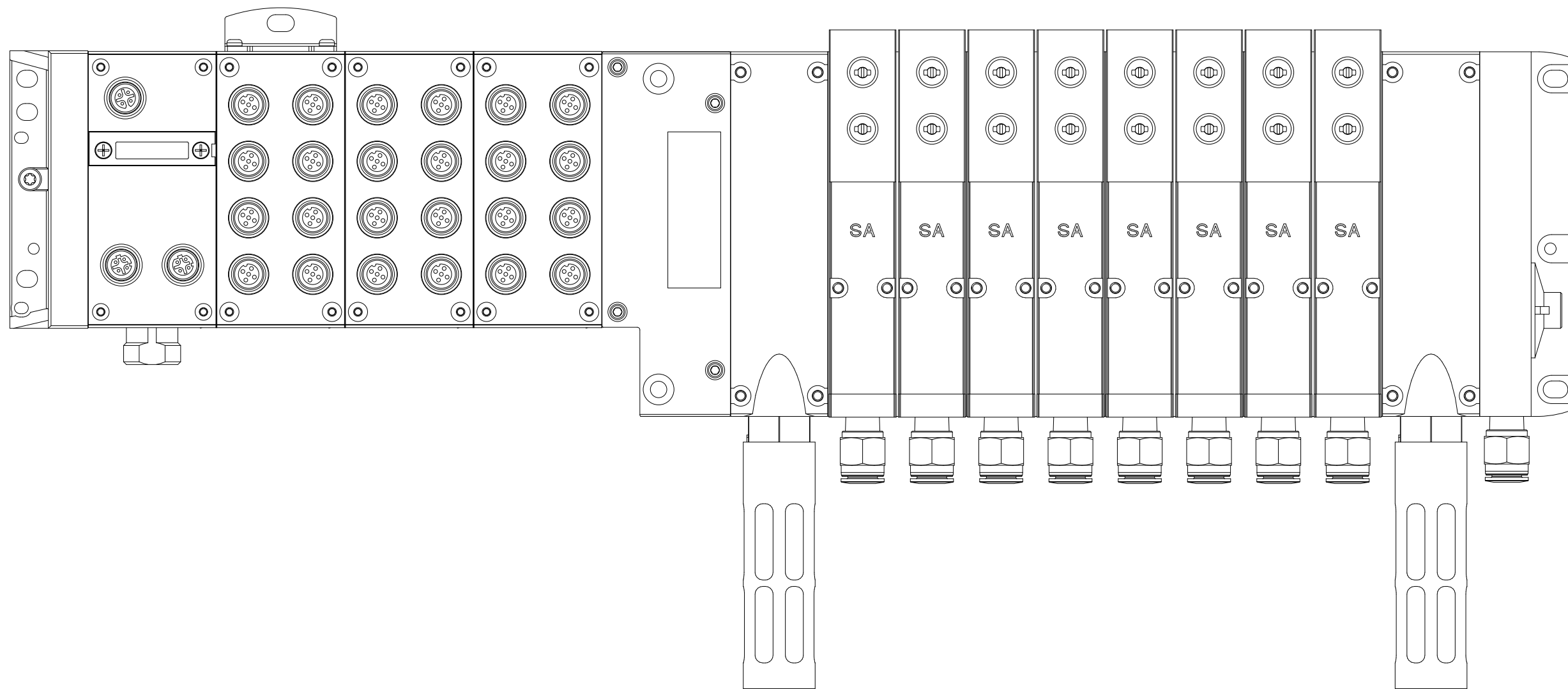
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Appr			Replacement of		Scale 1:1	Document type:		MFS	Project nr:	22-16150	Page	11
Original			Replaced by			MFS					404	



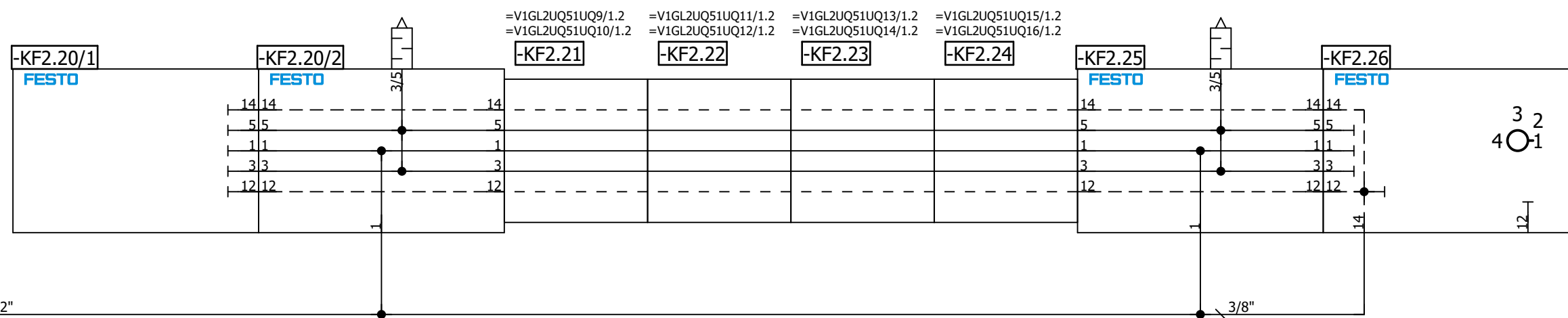
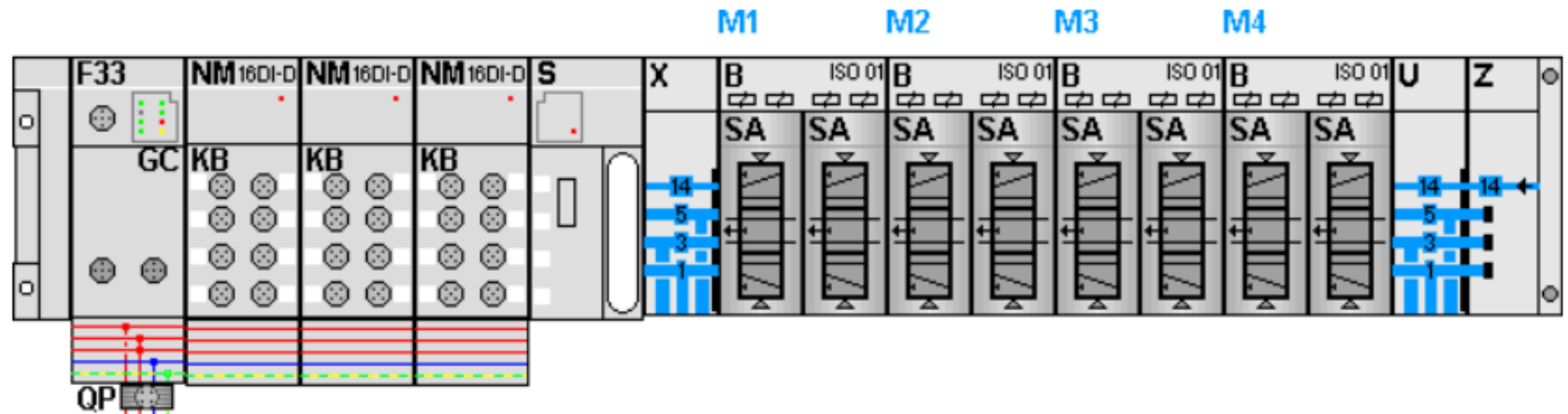
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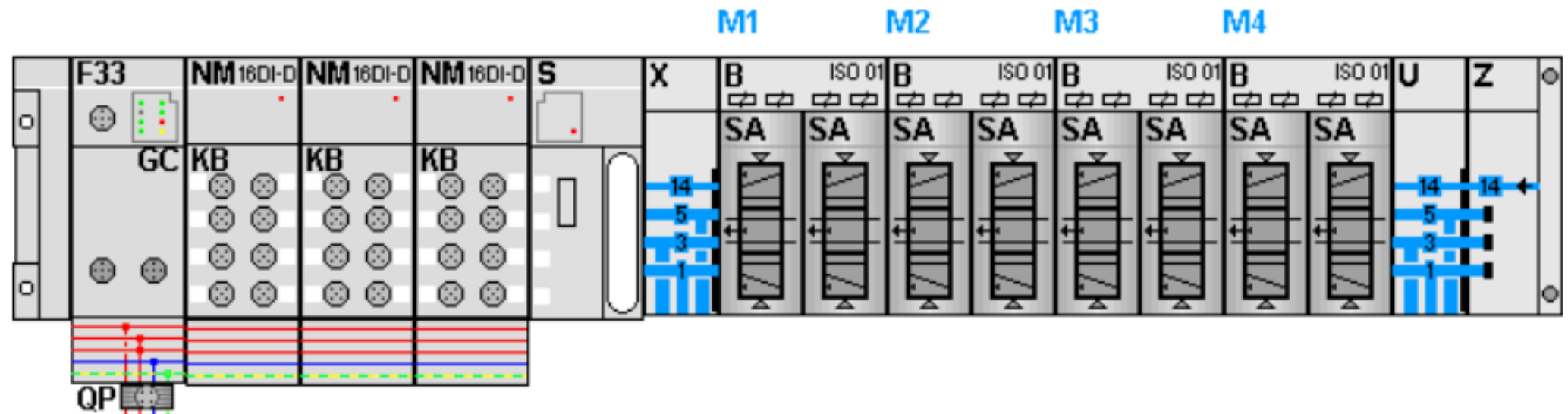
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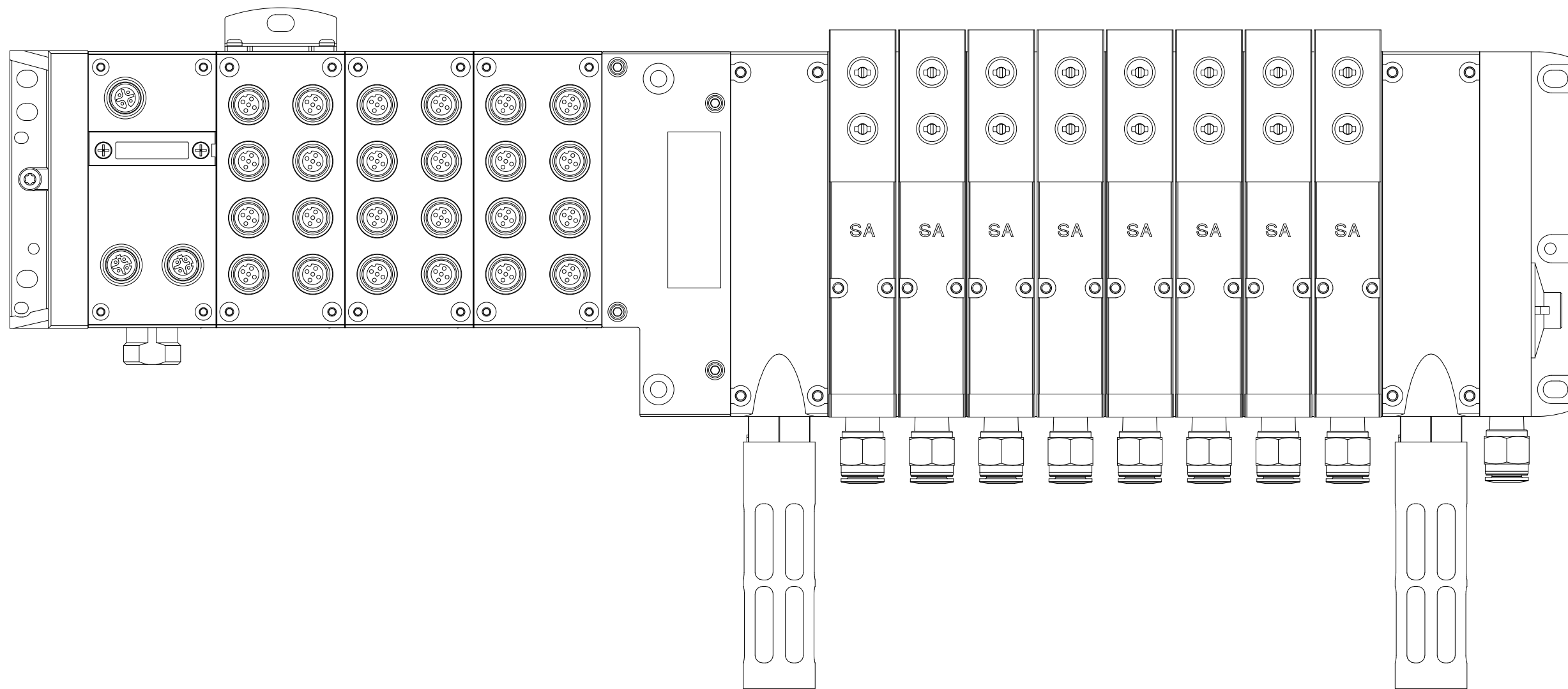
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		Appr		P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replacement of			Replaced by	MFS	22-16150
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Date		1/9/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1GL2UQ51KF2	
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL2UQ51	
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Original			Replaced by			MFS		22-16150		11
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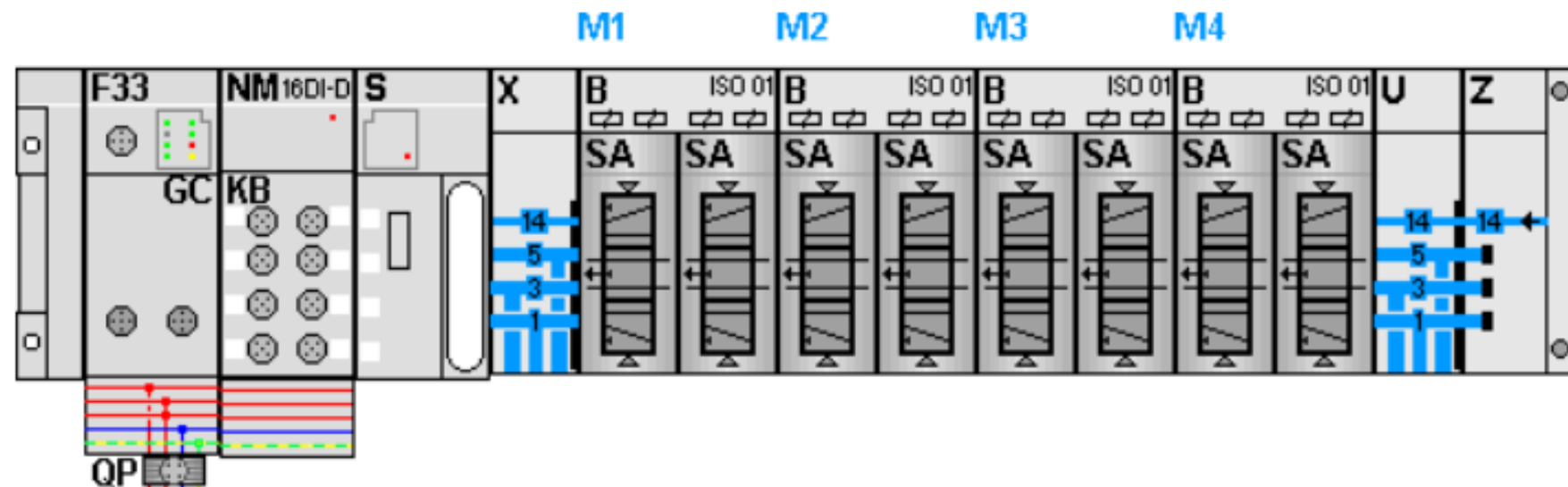
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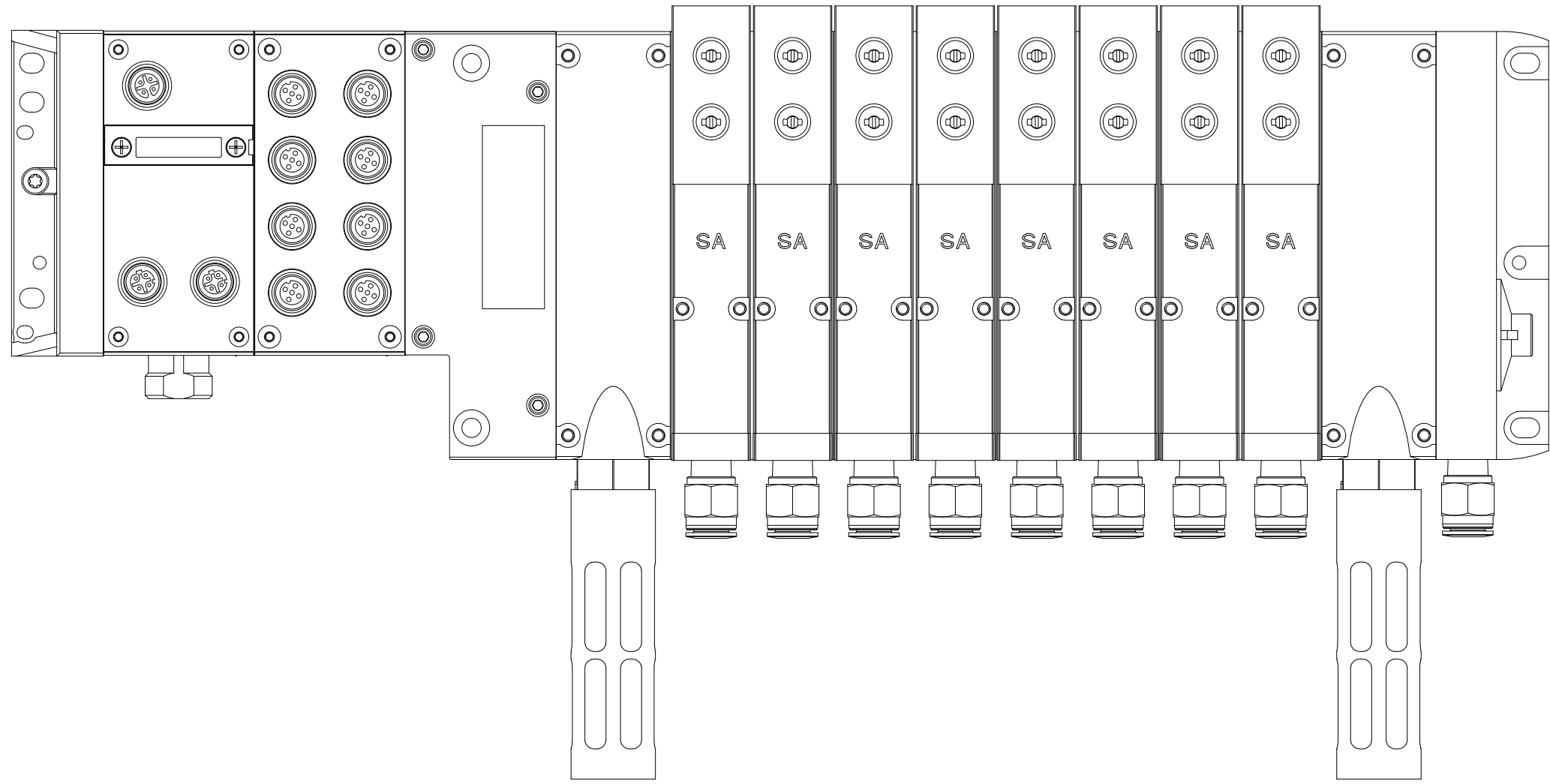
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Modification	Date	Name	Original	Replaced by			MFS	22-16150		5
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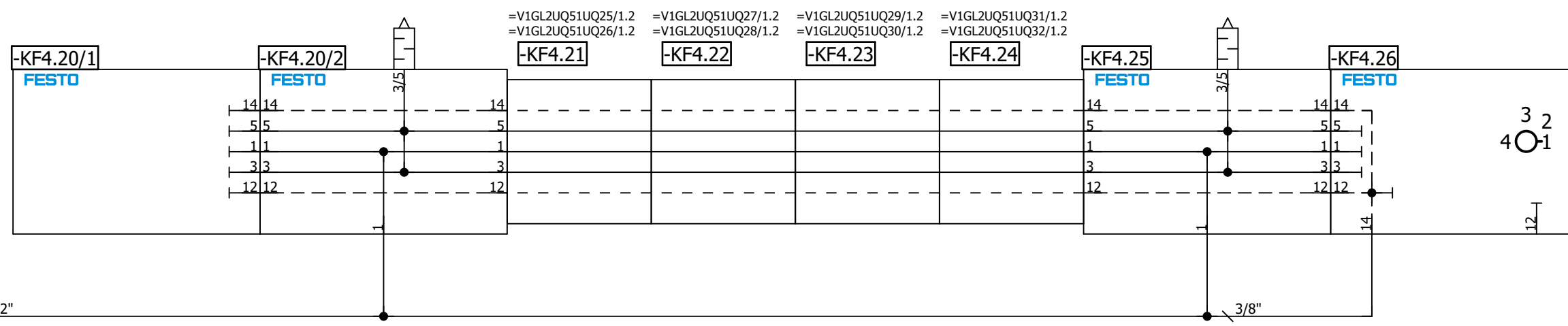
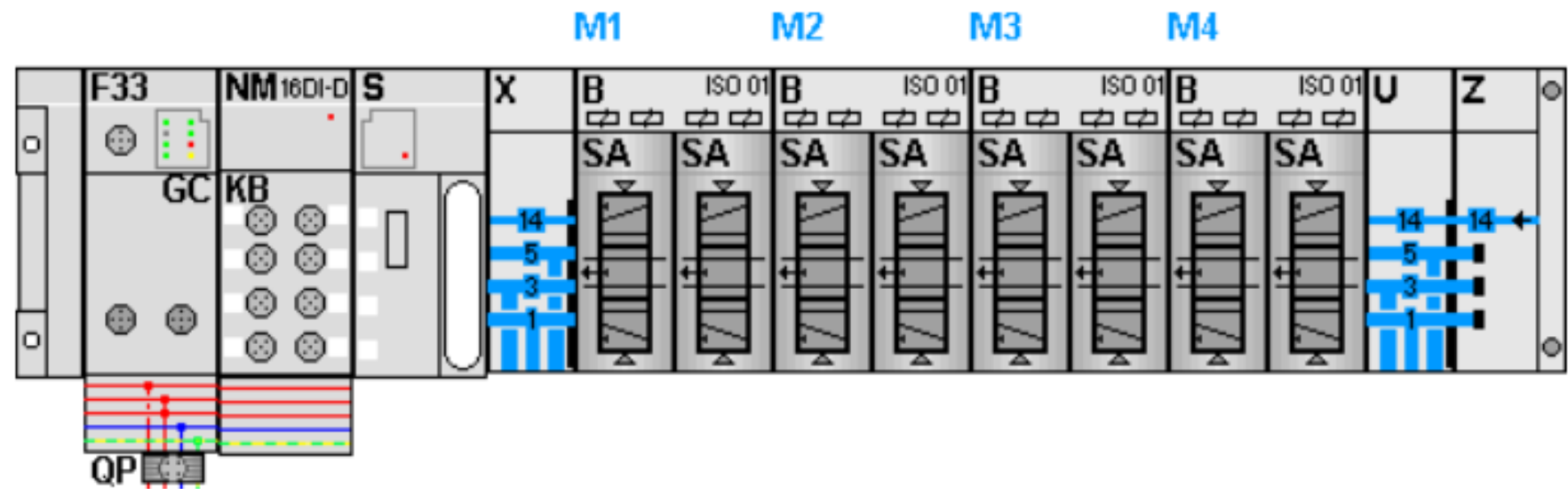


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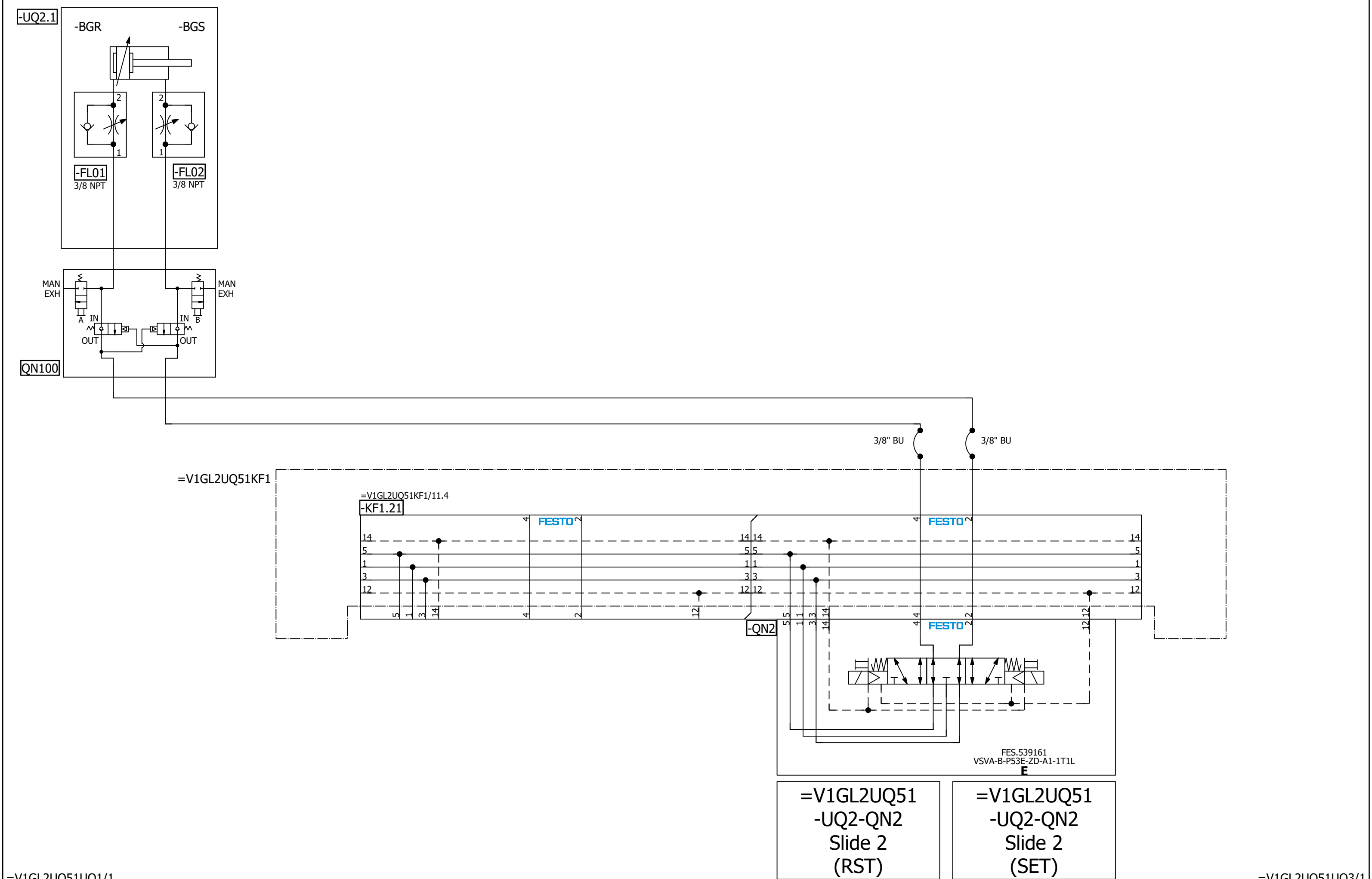


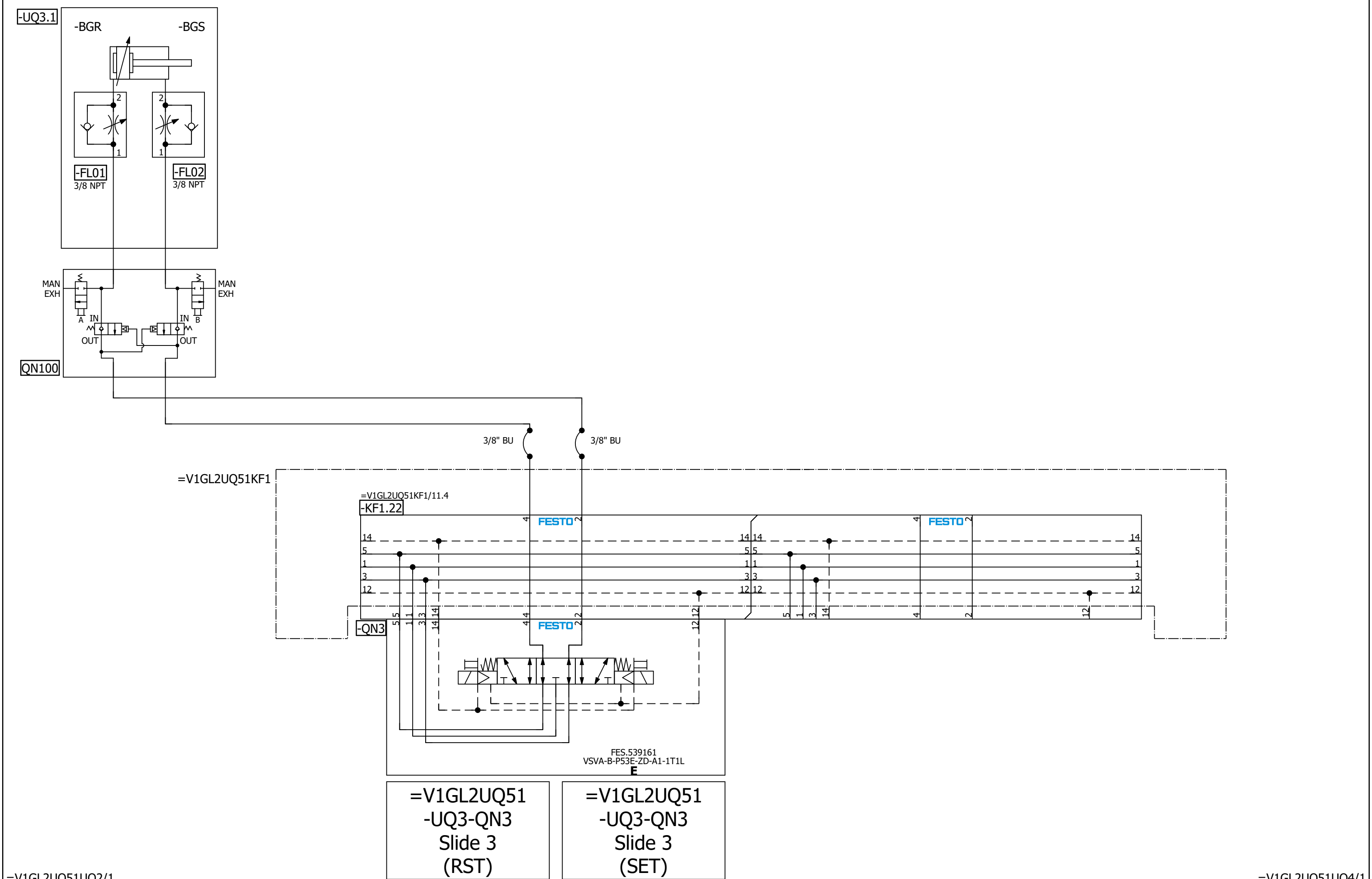
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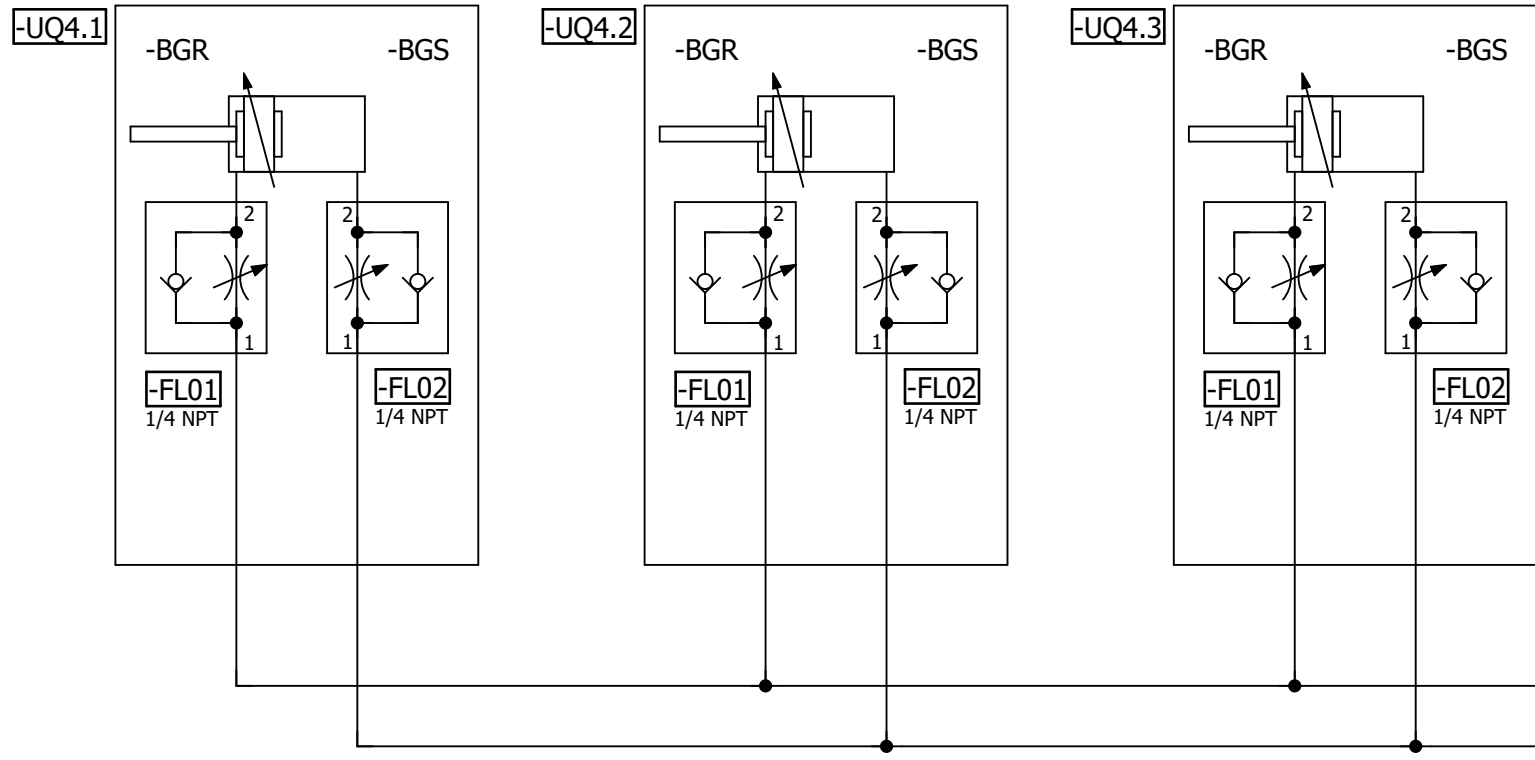
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Appr			Replacement of		Scale 1:1	Document type:		Project nr:		Page 11
Original			Replaced by			MFS		22-16150		404



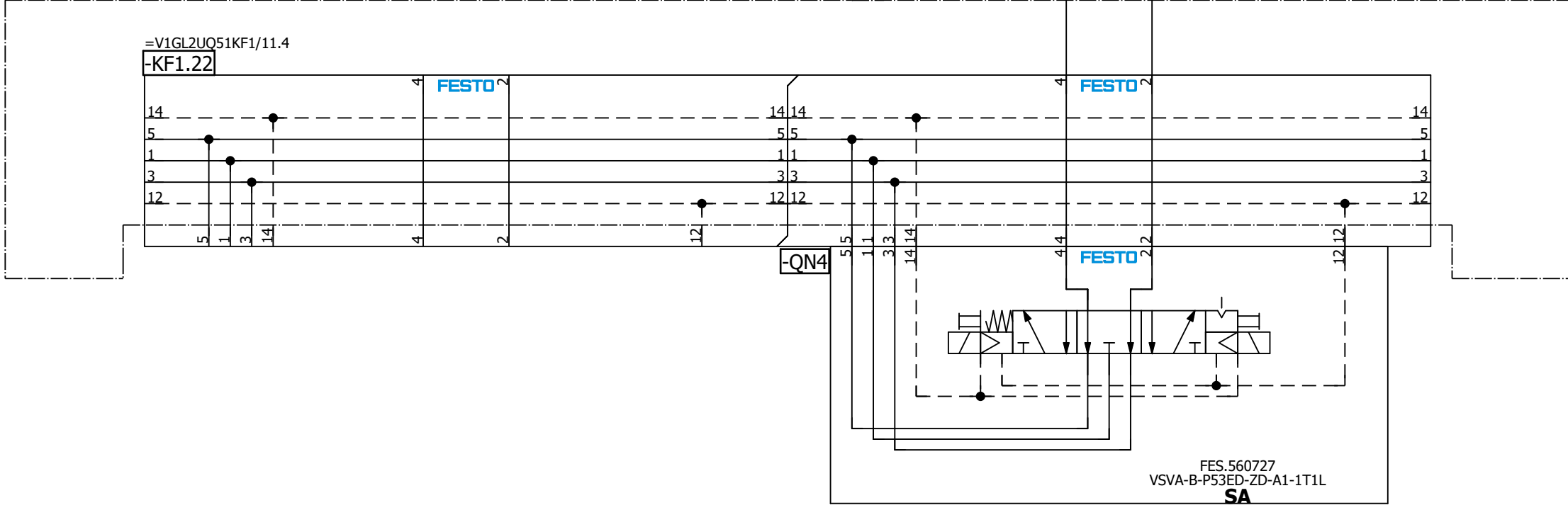


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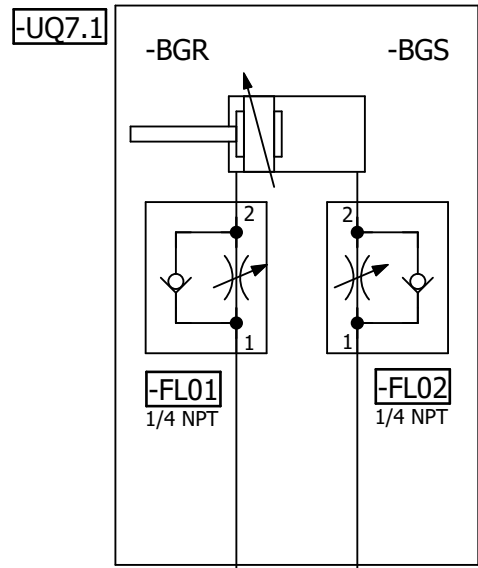
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Shot Pins 4
(RST)

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

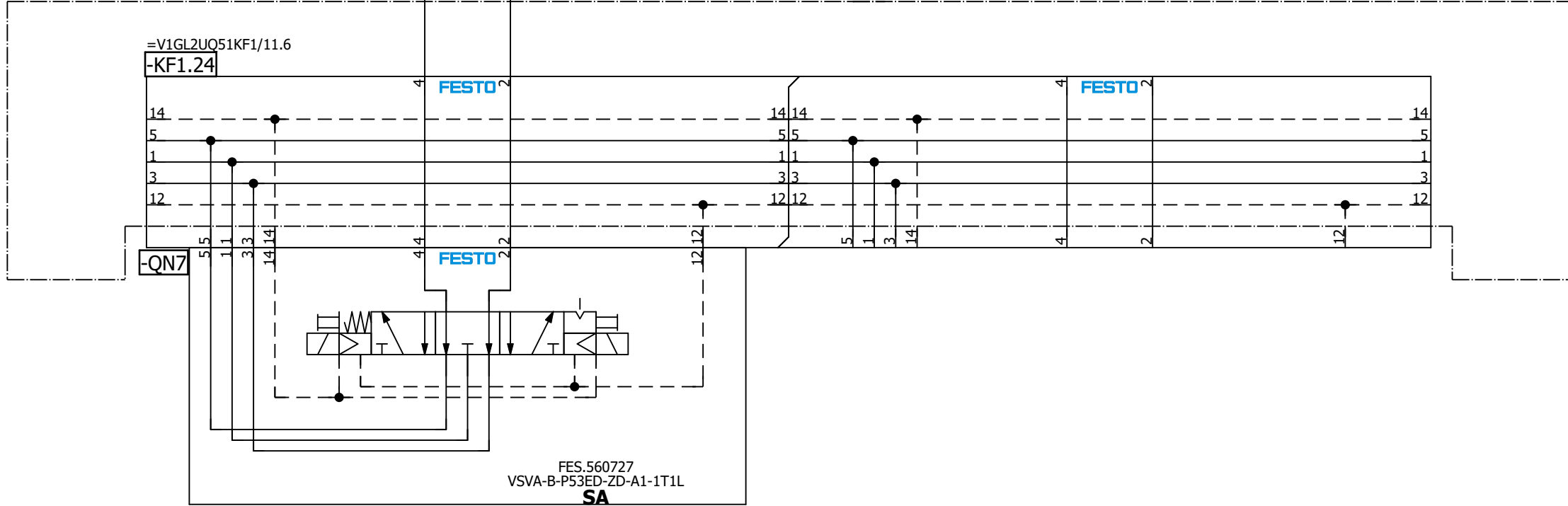
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Modification	Date	Name	Original					MFS	Page 1
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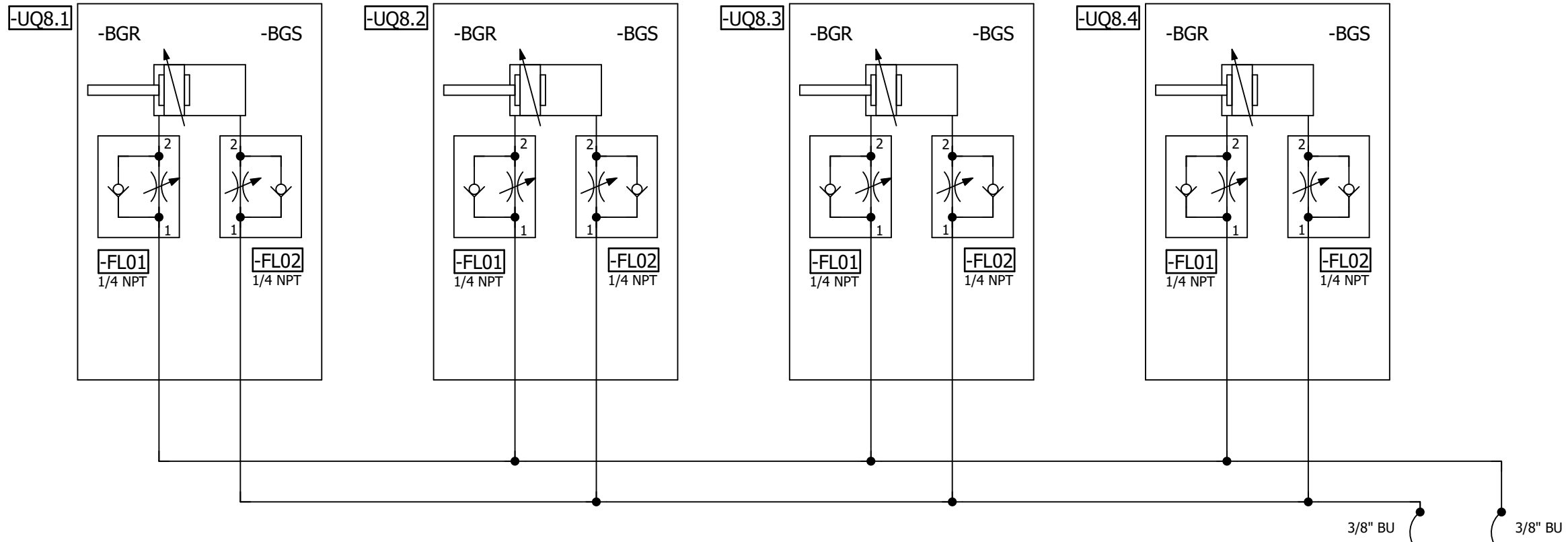
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(RST)

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Shot Pin 7
(SET)

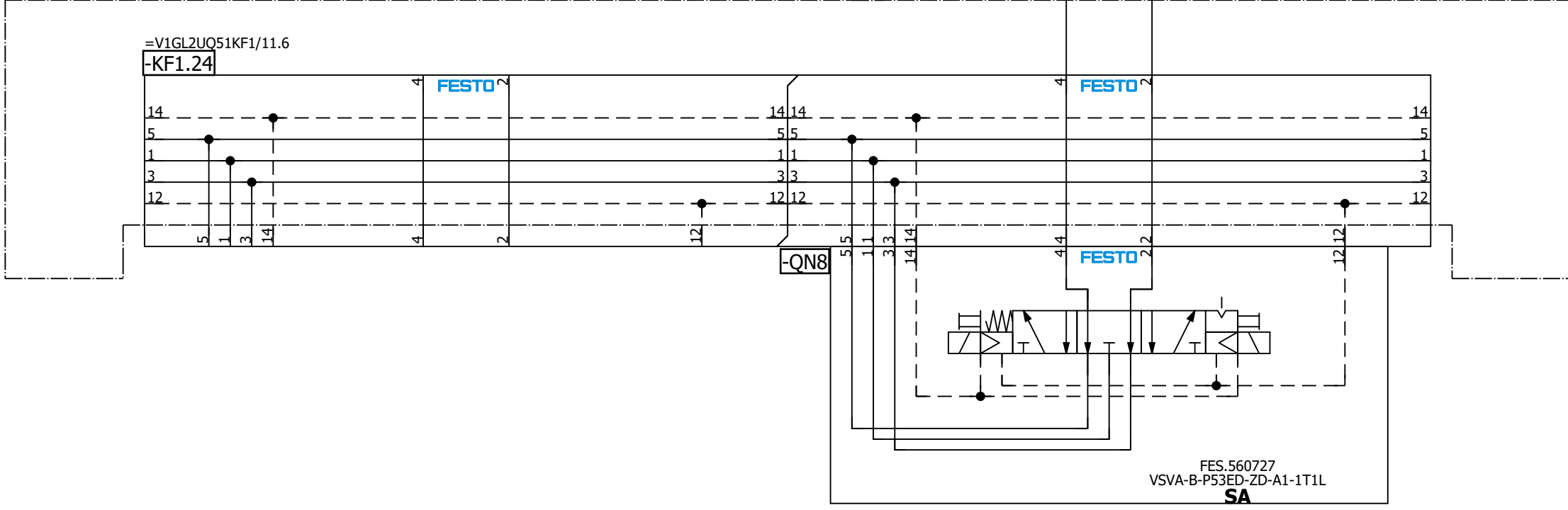
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Original			Replaced by				MFS	Project nr:	22-16150
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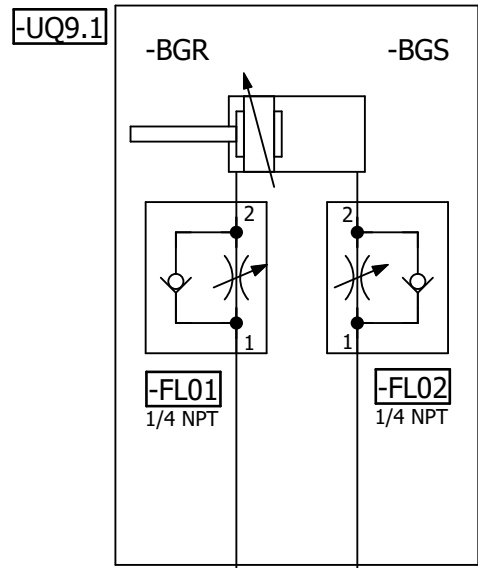
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Shot Pins 8
(RST)

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

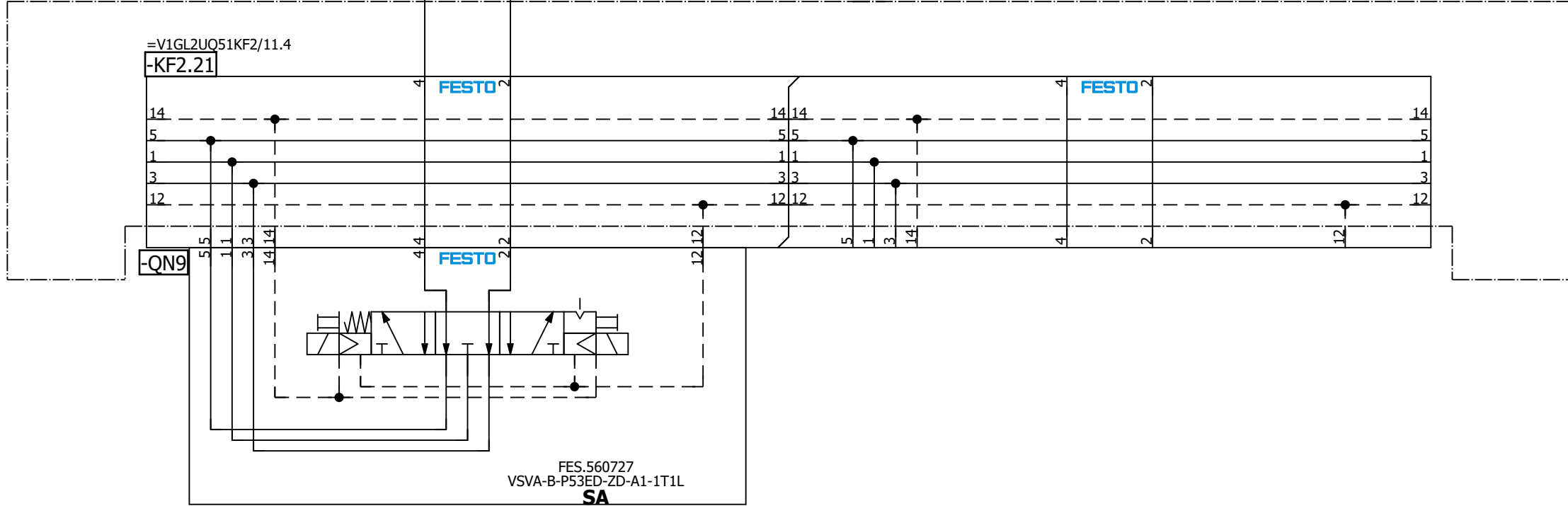
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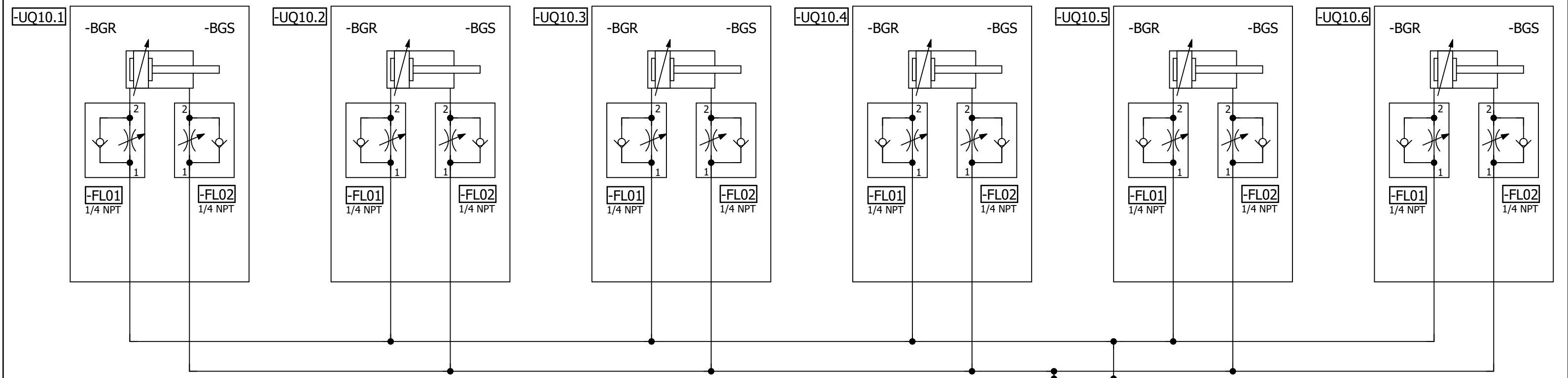
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Shot Pin 9
(RST)

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Shot Pin 9
(SET)

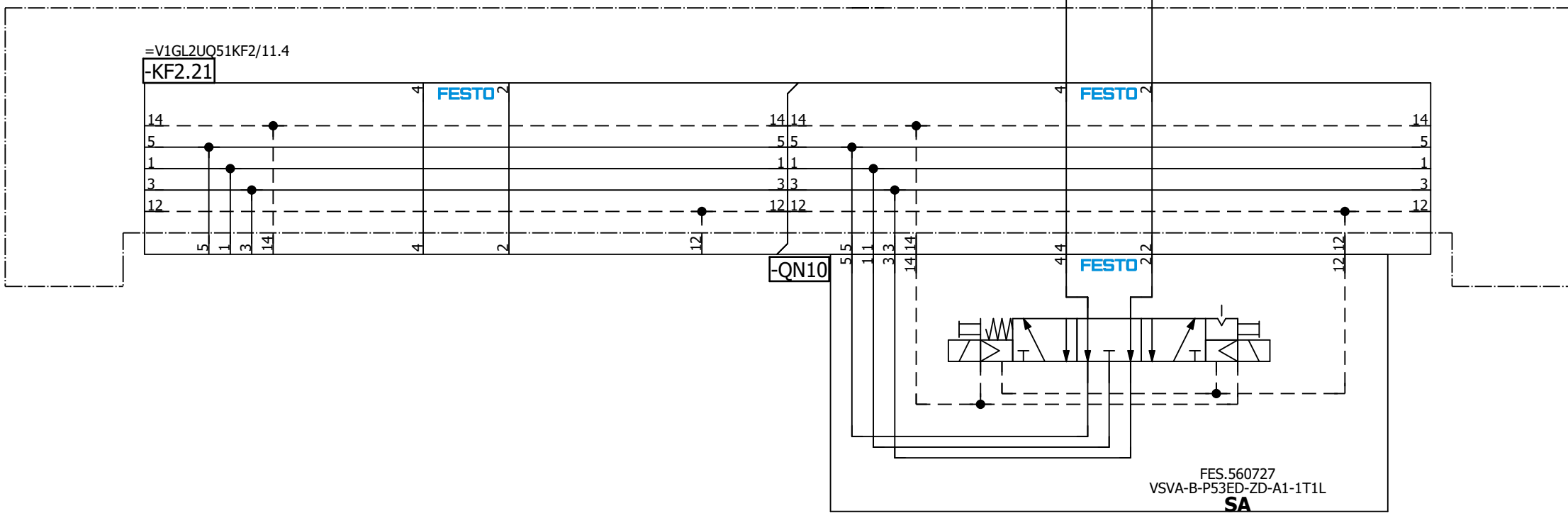
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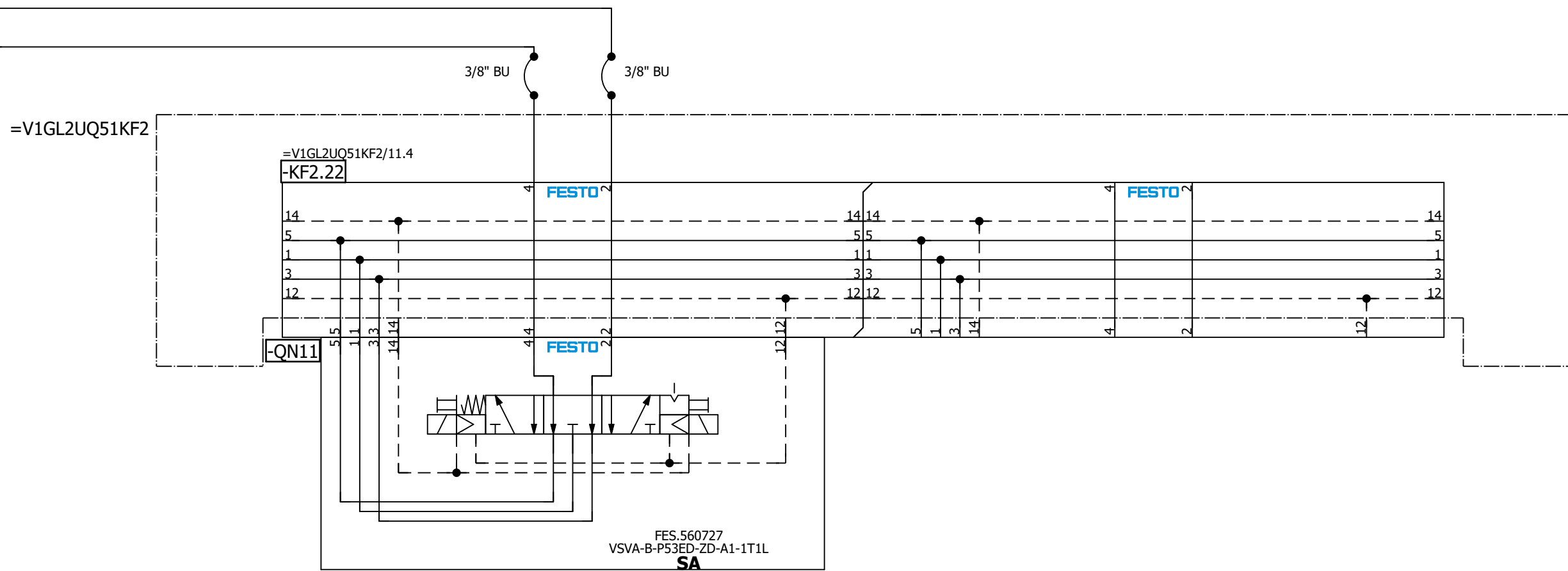
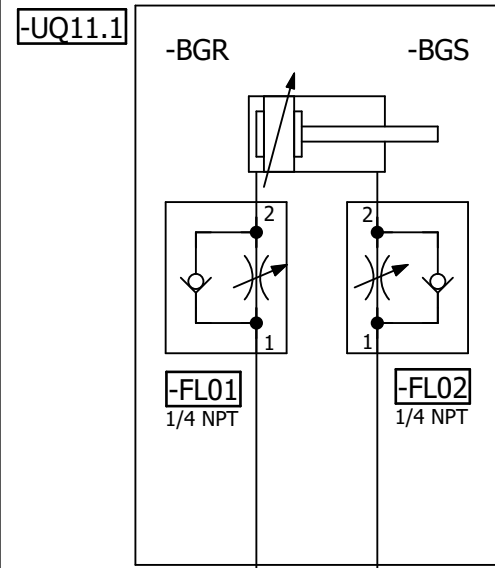
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Clamps 10
(RST)

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Clamps 10
(SET)

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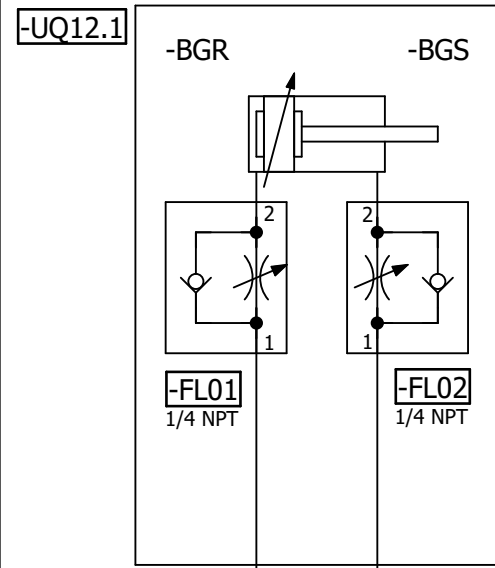
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Original										22-16150		404	

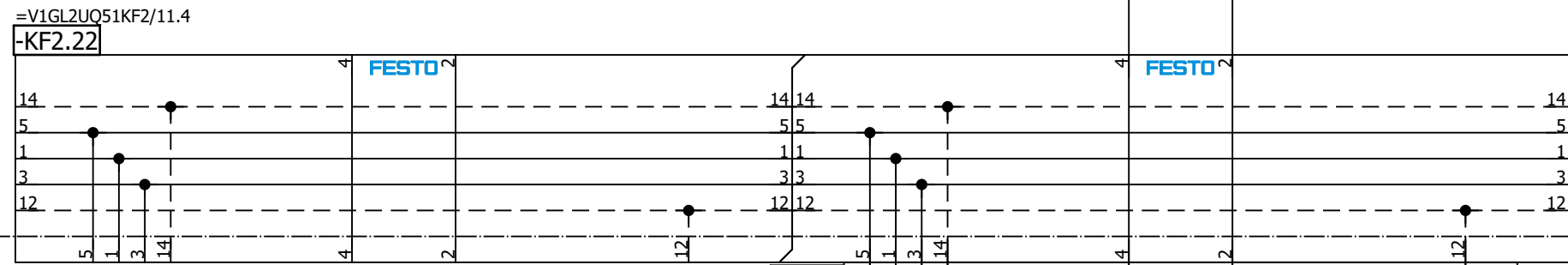


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Clamp 11
(RST)

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-UQ11-QN11.2
Clamp 11
(SET)



=V1GL2UQ51KF2



3/8" BU

3/8" BU

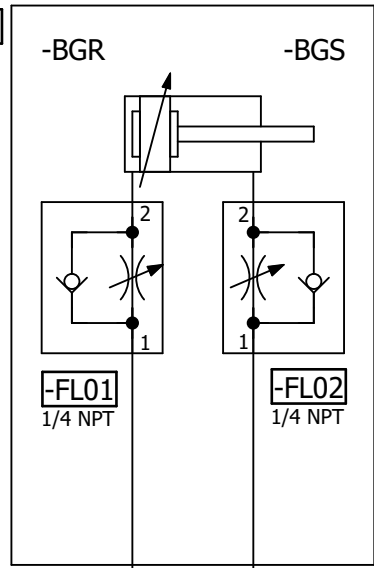
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-UQ12-QN12.2
Clamp 12
(SET)

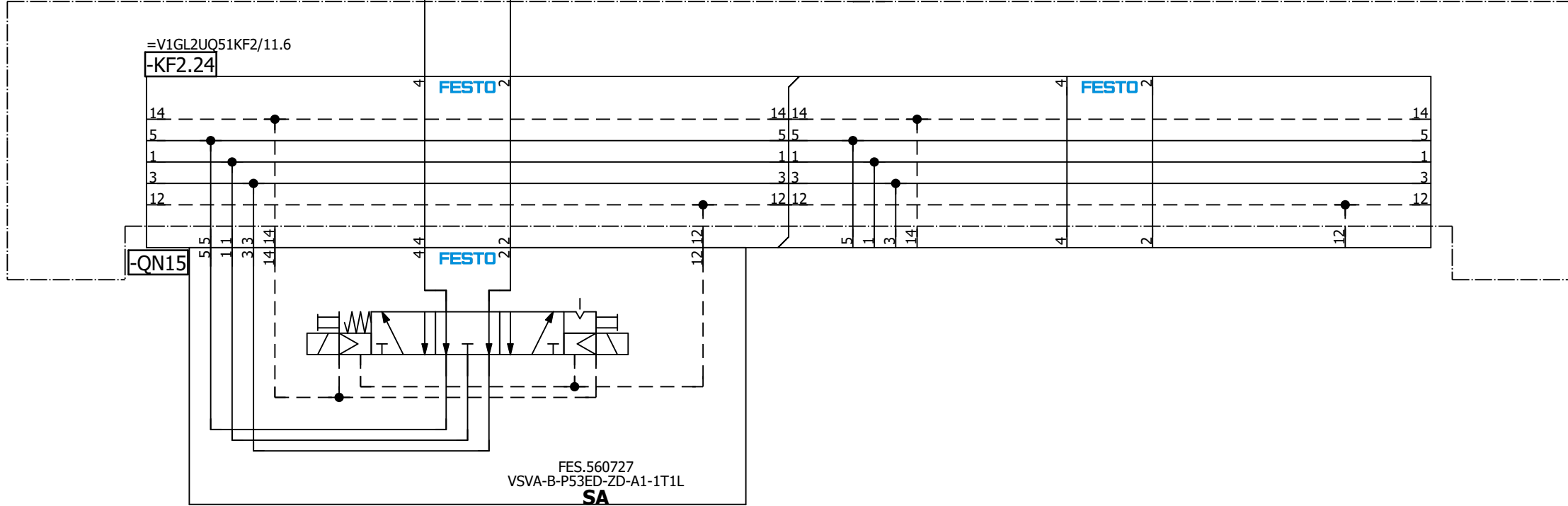
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type:	=2V09&MFS-PNEU	+ V1GL2UQ51	
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1		Project nr:	22-16150	Page	1
									MFS			404

-UQ15.1



=V1GL2UQ51KF2



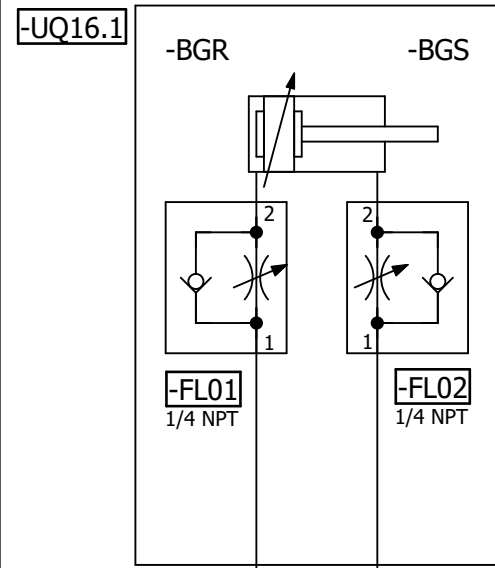
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Clamp 15
(RST)

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-UQ15-QN15.2
Clamp 15
(SET)

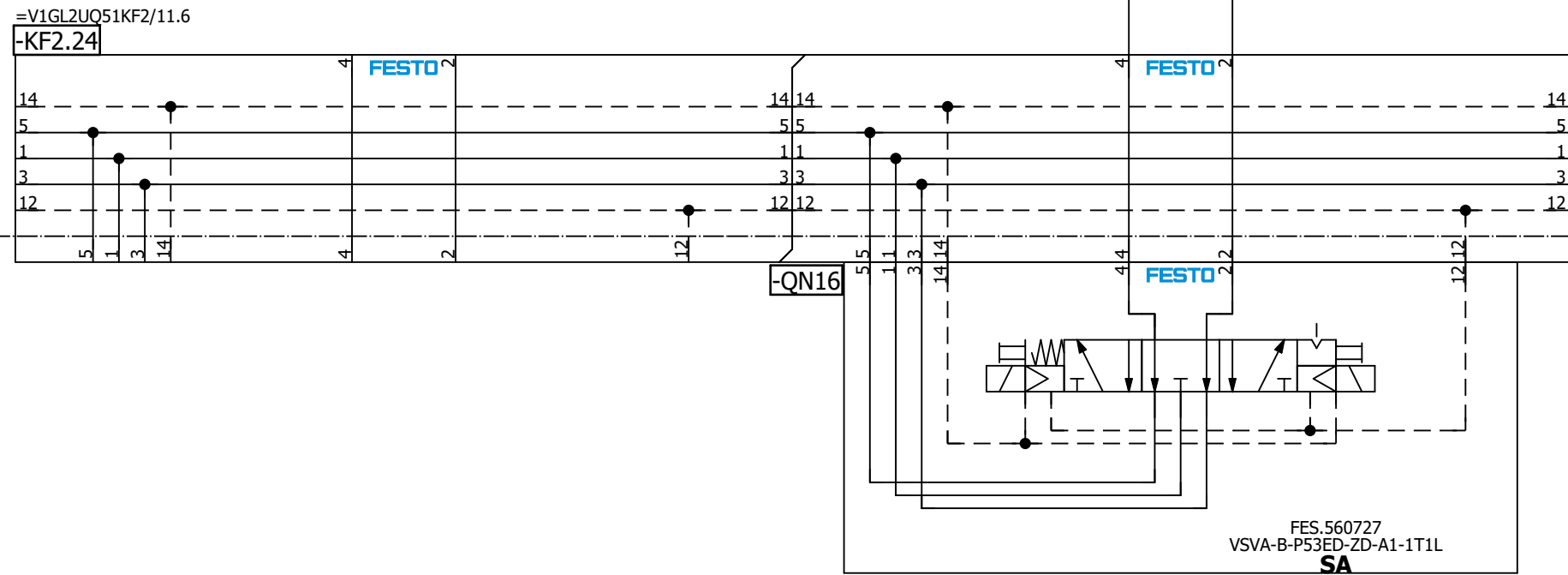
=V1GL2UQ51UQ14/1

=V1GL2UQ51UQ16/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 15	Drawing name:		= V1GL2UQ51UQ15
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1		Document type:		Page
Original			Replaced by				MFS	Project nr:	22-16150
Modification		Date	Name	Original					404



=V1GL2UQ51KF2



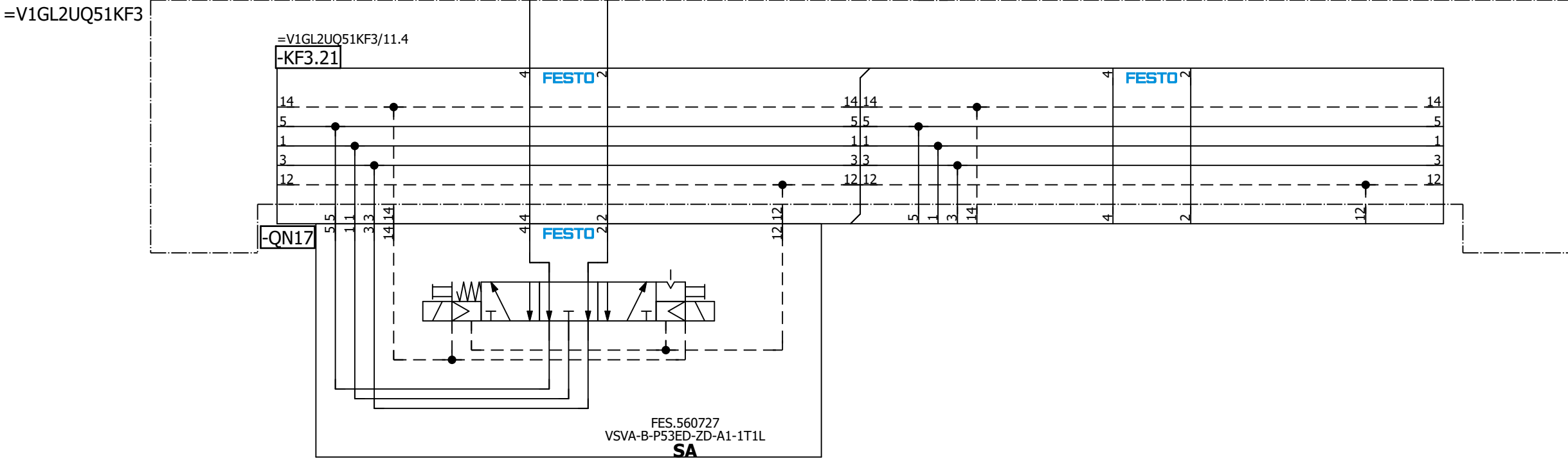
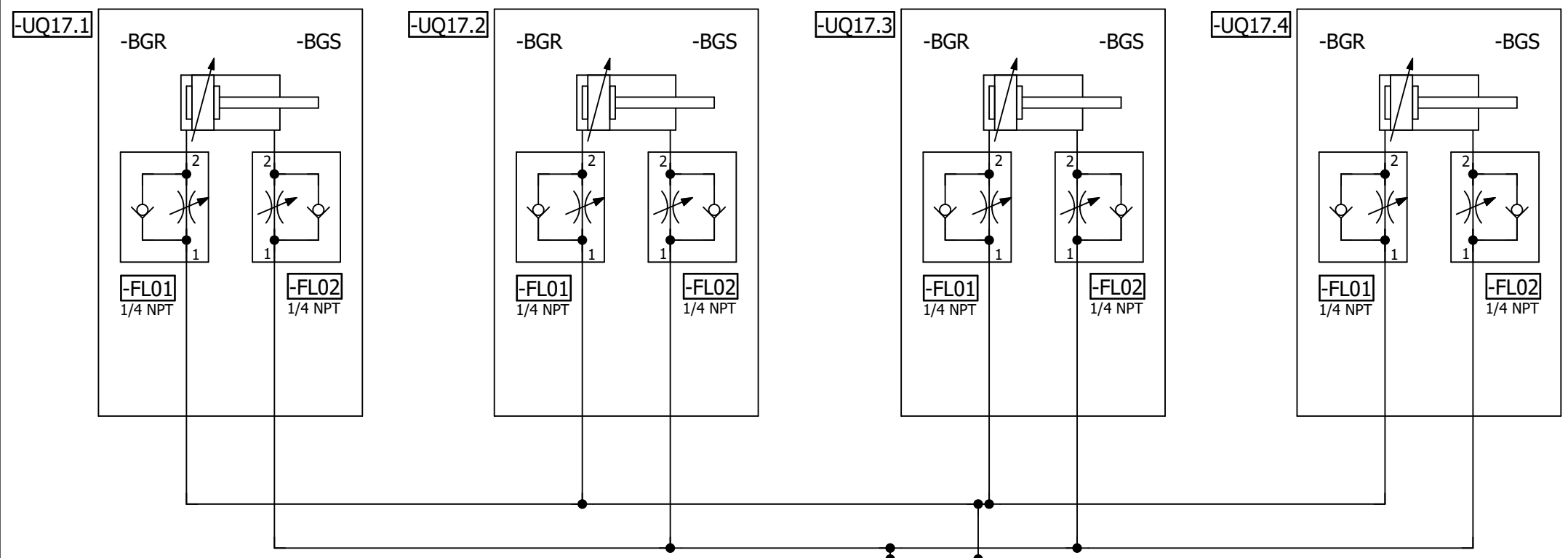
=V1GL2UQ51
-UQ16-QN16.1
Clamp 16
(RST)

=V1GL2UQ51
-UQ16-QN16.2
Clamp 16
(SET)

=V1GL2UQ51UQ15/1

=V1GL2UQ51UQ17/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 16	Drawing name:	= 2V09&MFS-PNEU	= V1GL2UQ51UQ16			
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type:	MFS	Project nr:	22-16150	Page	1
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1							404



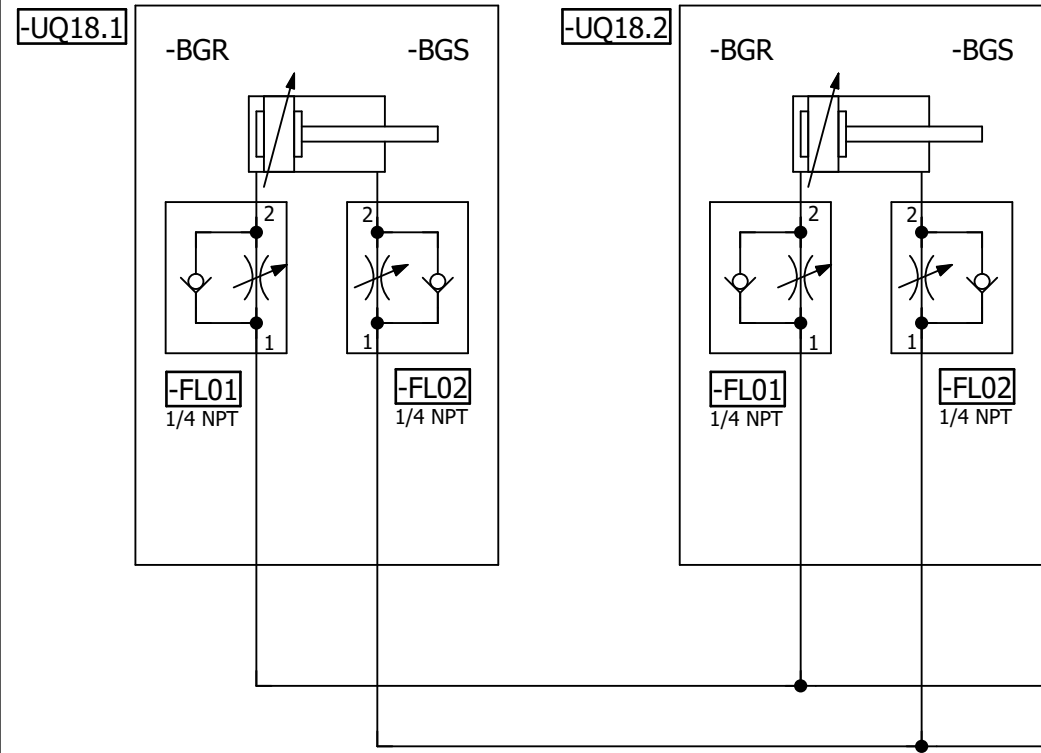
=V1GL2UQ51
-UQ17-QN17.1
Clamps 17
(RST)

=V1GL2UQ51
-UQ17-QN17.2
Clamps 17
(SET)

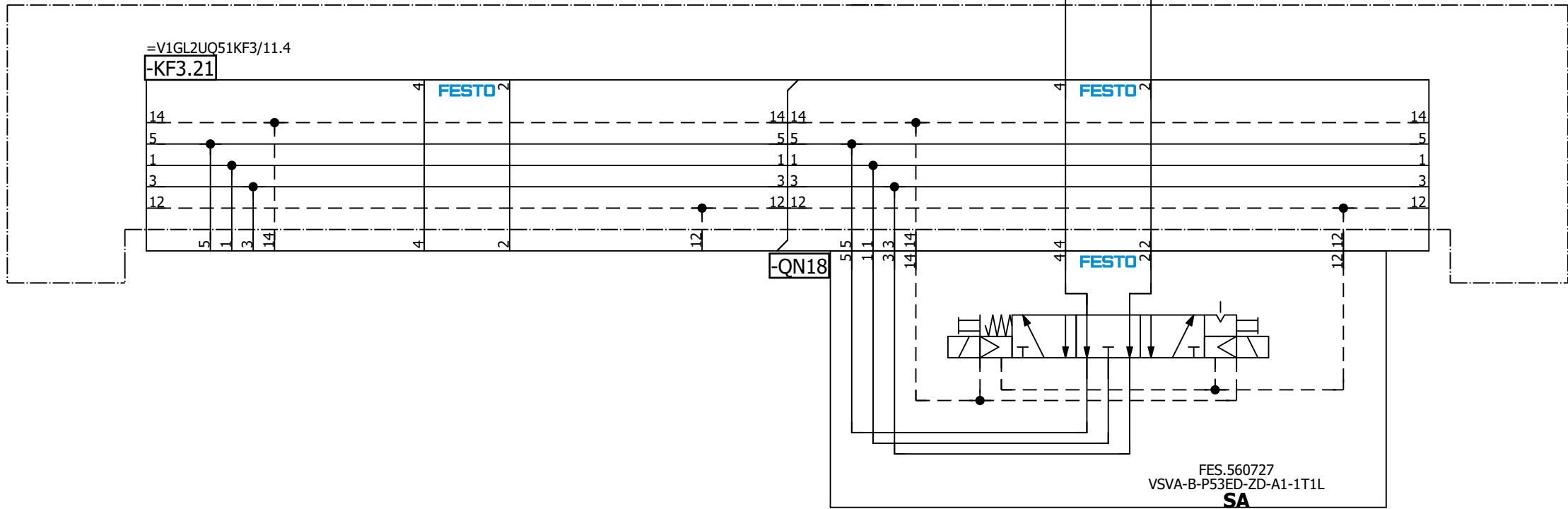
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Date		1/9/2023		Volvo Trucks North America		Valiant TMS		Clamp 17		Drawing name:		= V1GL2UQ51UQ17	
Ed.		MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= 2V09&MFS-PNEU	
Appr.				Replacement of		Replaced by				Project nr:		22-16150	
Original										Page		1	
Modification		Date		Name						MFS		404	



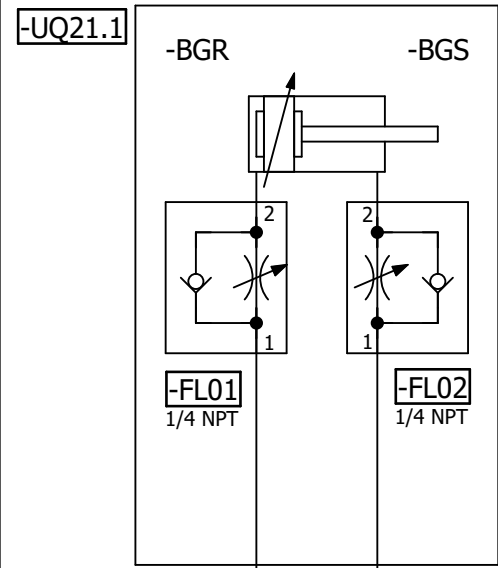
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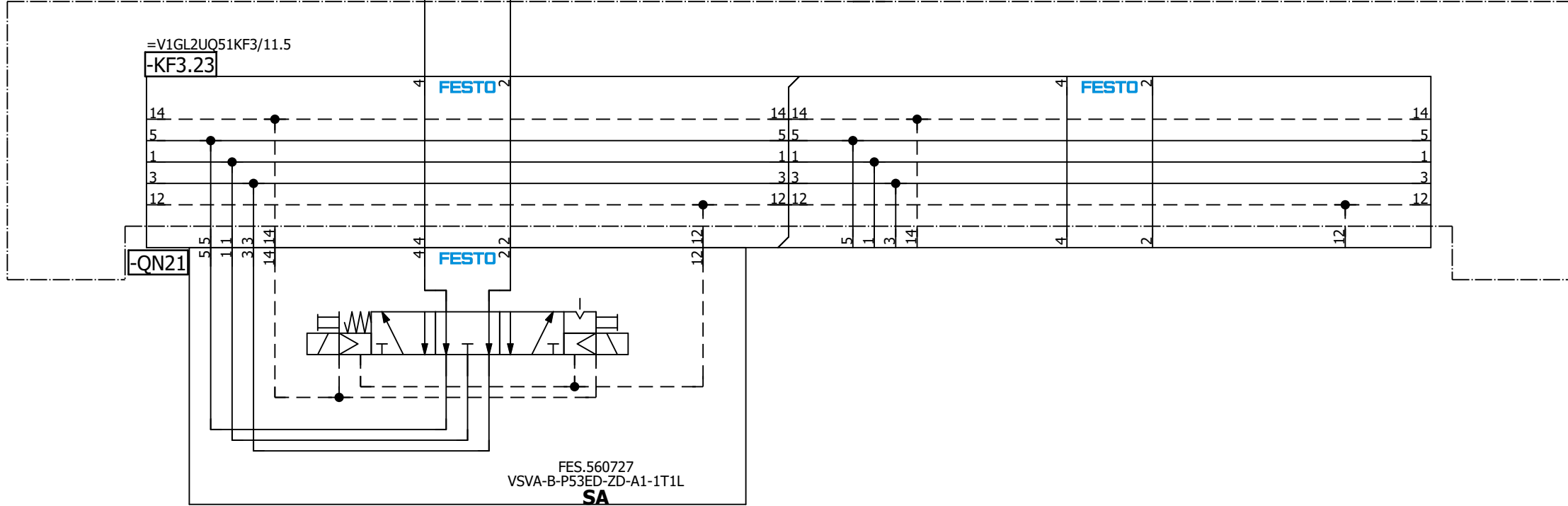
=V1GL2UQ51
-UQ18-QN18.1
Clamps 18
(RST)

=V1GL2UQ51
-UQ18-QN18.2
Clamps 18
(SET)

=V1GL2UQ51UQ19/1



=V1GL2UQ51KF3



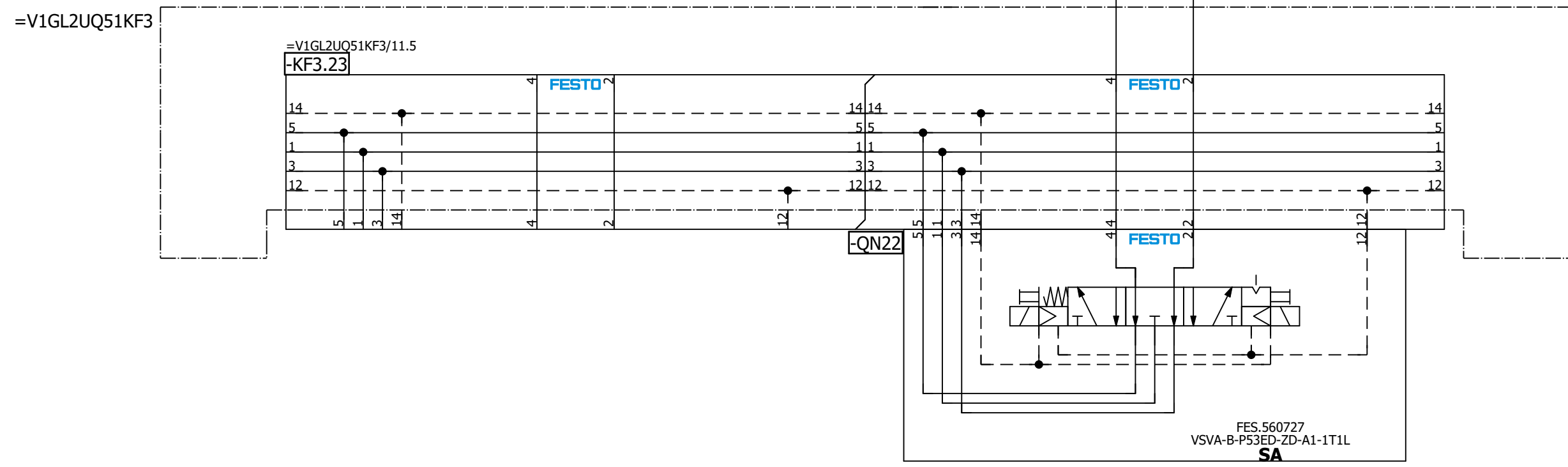
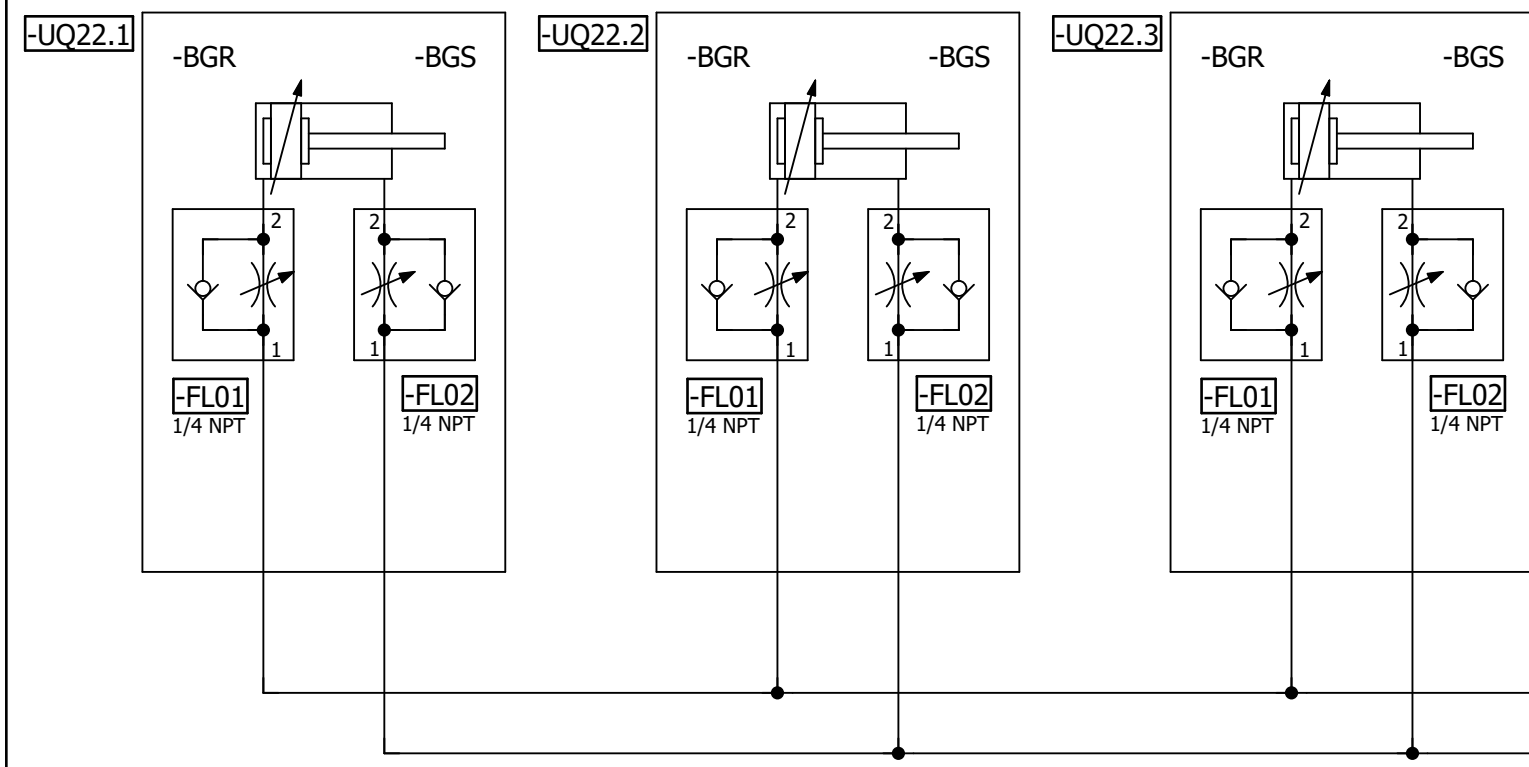
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Clamp 21
(RST)

=V1GL2UQ51
-UQ21-QN21.2
Clamp 21
(SET)

=V1GL2UQ51UQ20/1

=V1GL2UQ51UQ22/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 21	Drawing name:		= V1GL2UQ51UQ21
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS	22-16150	
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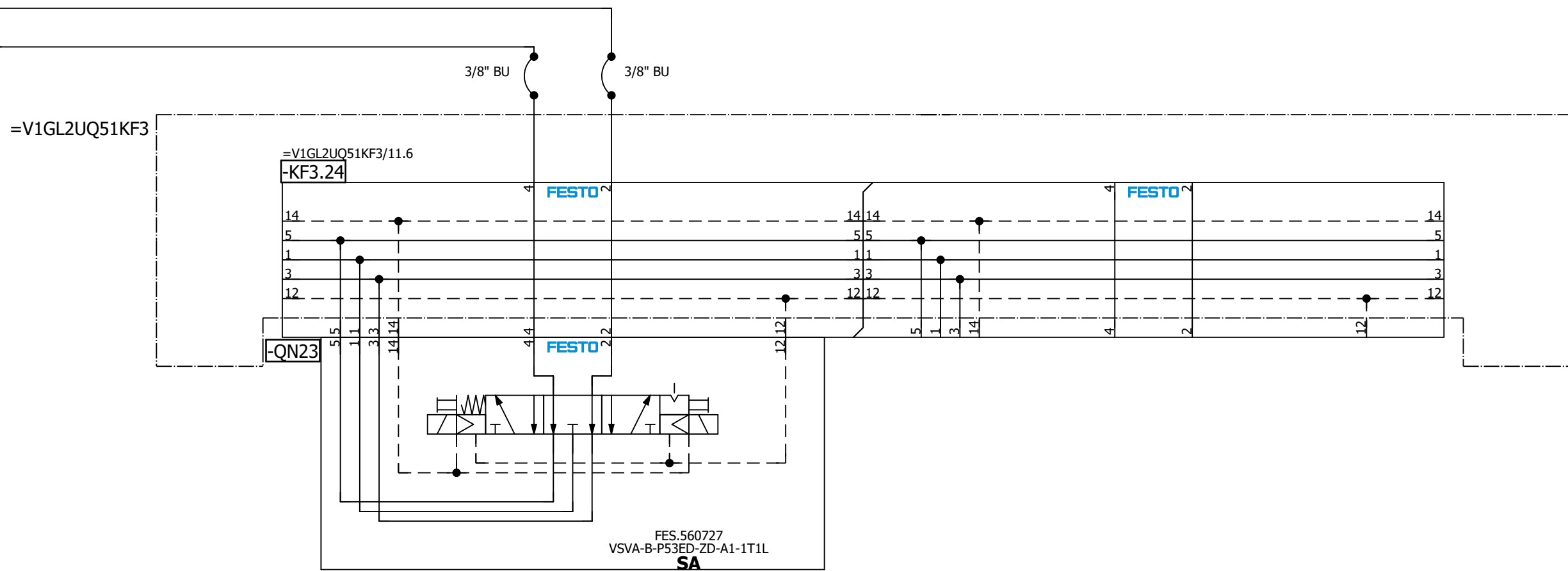
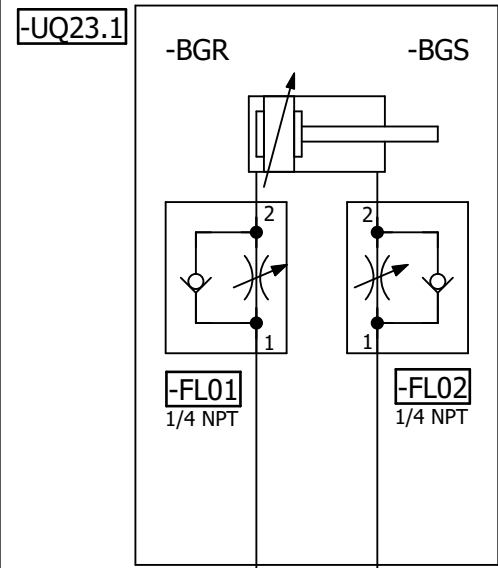
=V1GL2UQ51
-UQ22-QN22.1
Clamps 22
(RST)

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

=V1GL2UQ51UQ21/1

=V1GL2UQ51UQ23/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Clamps 22	Drawing name: =2V09&MFS-PNEU	= V1GL2UQ51UQ22 + V1GL2UQ51
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 404

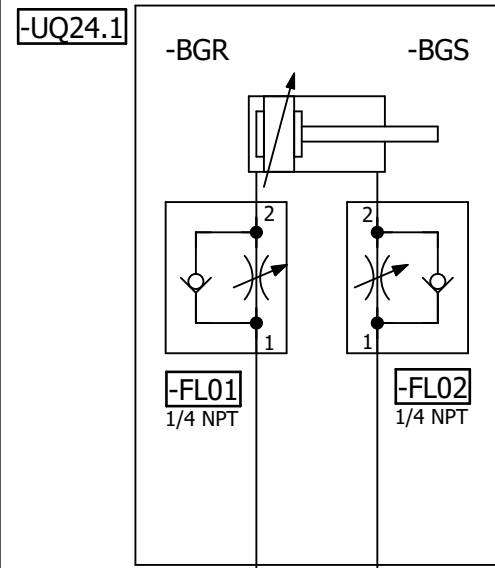


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Clamp 23
(RST)

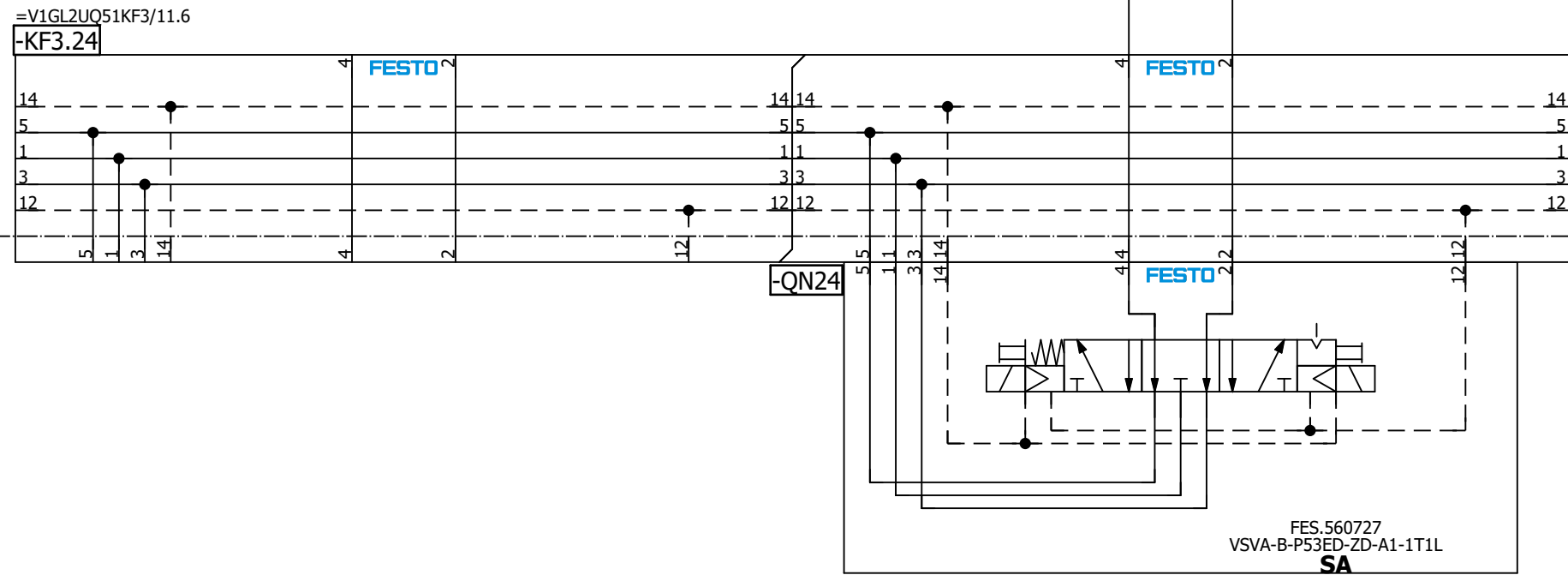
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-UQ23-QN23.2
Clamp 23
(SET)

=V1GL2UQ51UQ22/1 =V1GL2UQ51UQ24/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 23	Drawing name:		= V1GL2UQ51UQ23
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL2UQ51
Appr.			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS	22-16150	
									1
									404



=V1GL2UQ51KF3



=V1GL2UQ51
-UQ24-QN24.1
Clamp 24
(RST)

=V1GL2UQ51
-UQ24-QN24.2
Clamp 24
(SET)

=V1GL2UQ51UQ23/1

Date	1/9/2023
Ed.	MKLEPADLO
Appr.	
Original	

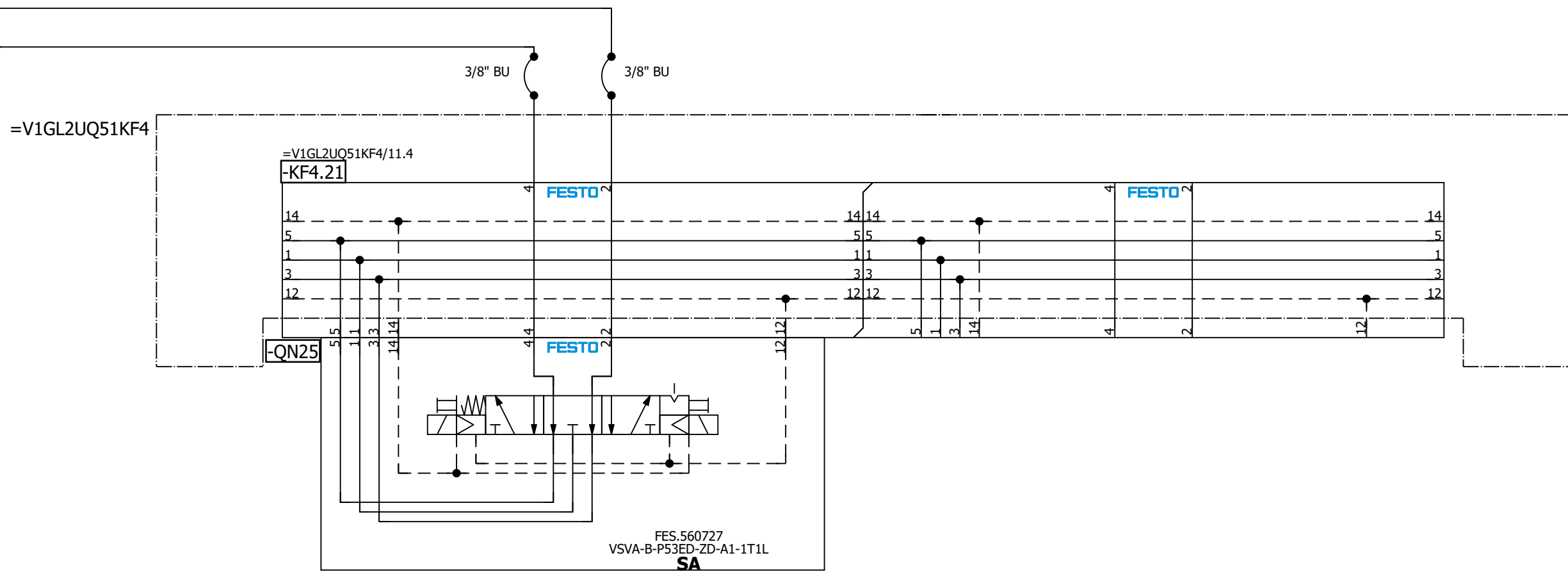
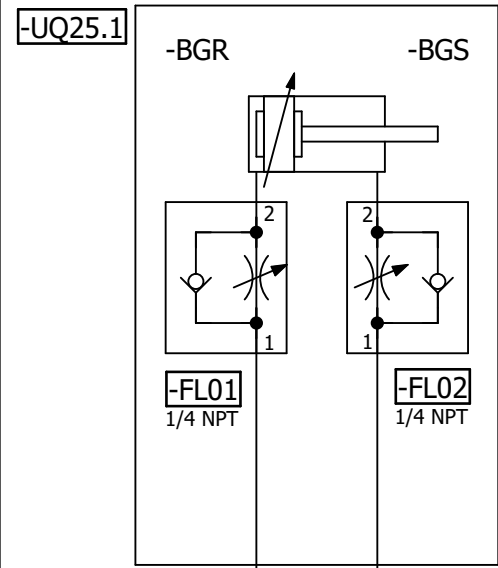
Volvo Trucks North America	
P6700 Bodyside LH - Robot Cell 2V09	
Replacement of	Replaced by

Valiant TMS
Scale 1:1

Clamp 24

Drawing name: =2V09&MFS-PNEU	= V1GL2UQ51UQ24 + V1GL2UQ51
Document type: MFS	Project nr: 22-16150
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=V1GL2UQ51UQ25/1



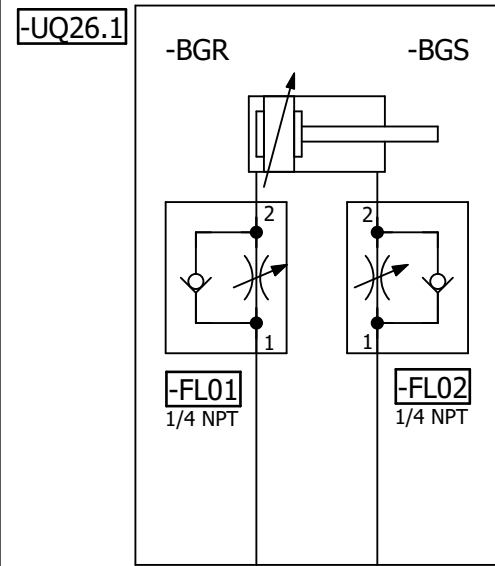
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Clamp 25
(RST)

=V1GL2UQ51
-UQ25-QN25.2
Clamp 25
(SET)

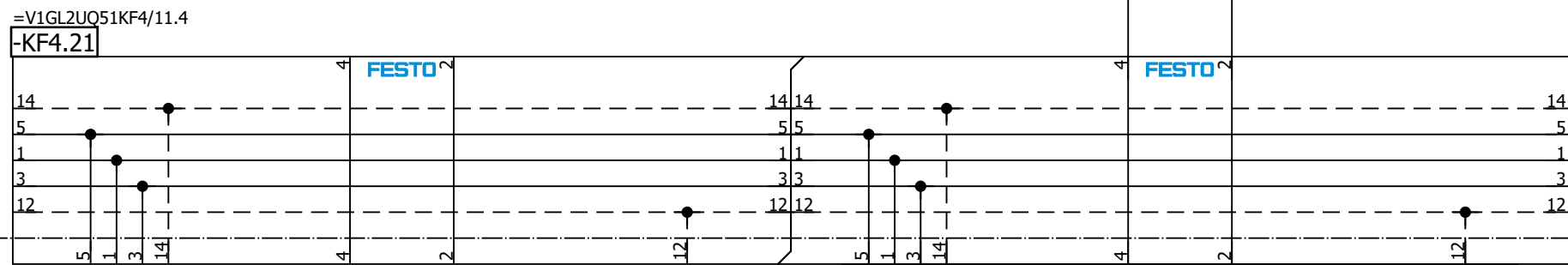
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=V1GL2UQ51UQ26/1

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Ed.		MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= 2V09&MFS-PNEU	
Appr.				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
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=V1GL2UQ51KF4



3/8" BU

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

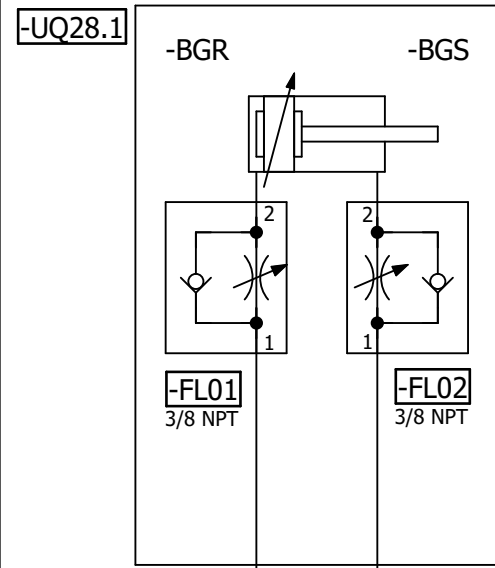
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Clamp 26
(RST)

=V1GL2UQ51
-UQ26-QN26.2
Clamp 26
(SET)

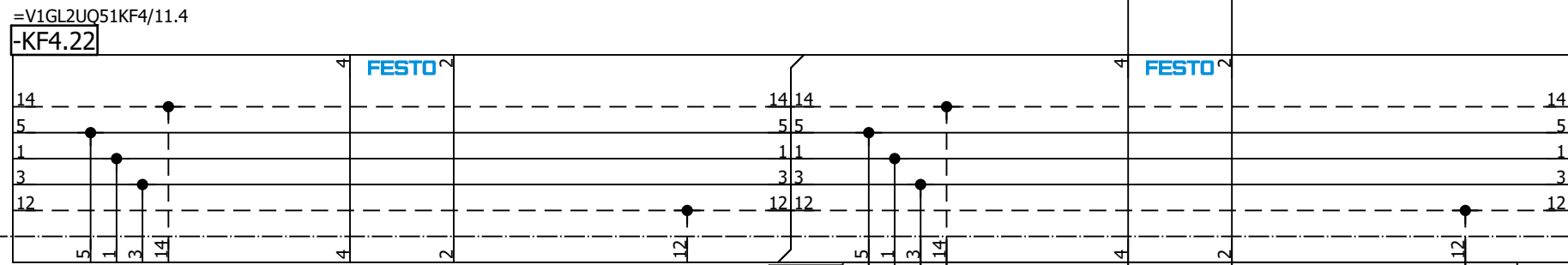
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=V1GL2UQ51UQ25/1

			Date	1/9/2023	Volvo Trucks North America			Valiant TMS	Clamp 26	Drawing name: =2V09&MFS-PNEU		= V1GL2UQ51UQ26 + V1GL2UQ51	
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09					Document type: MFS		Project nr: 22-16150	
Modification	Date	Name	Original		Replacement of	Replaced by		Scale 1:1					404

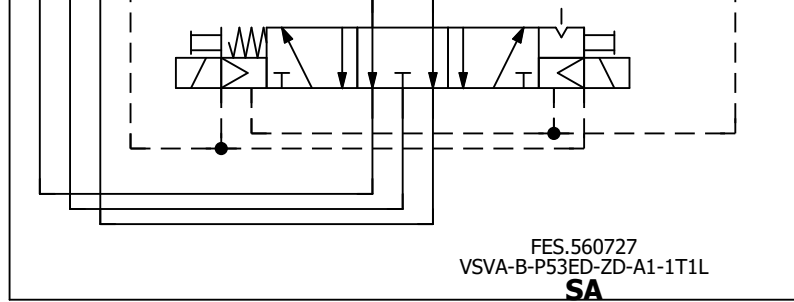


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-QN28

FESTO

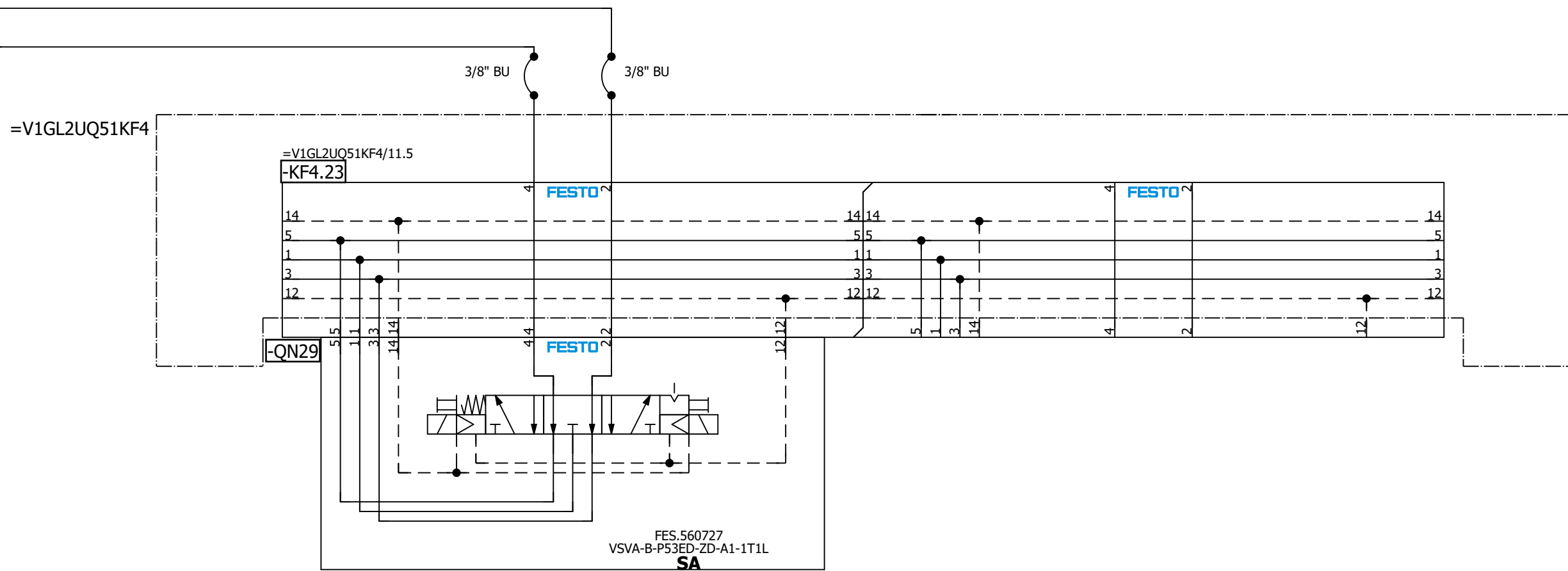
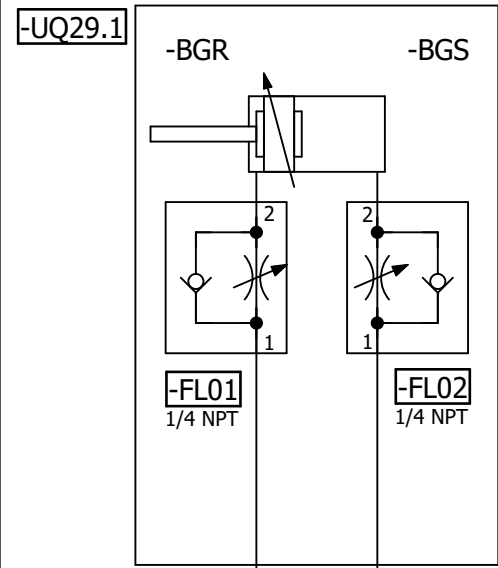


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-UQ28-QN28.1
Clamp 28
(RST)

=V1GL2UQ51
-UQ28-QN28.2
Clamp 28
(SET)

=V1GL2UQ51UQ27/1

=V1GL2UQ51UQ29/1

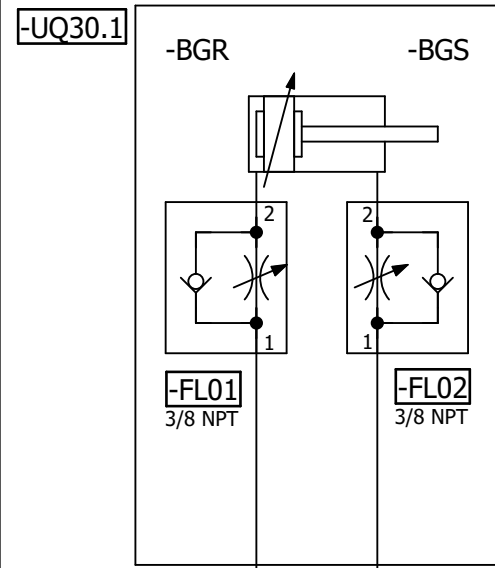


=V1GL2UQ51
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Shot Pin 29
(RST)

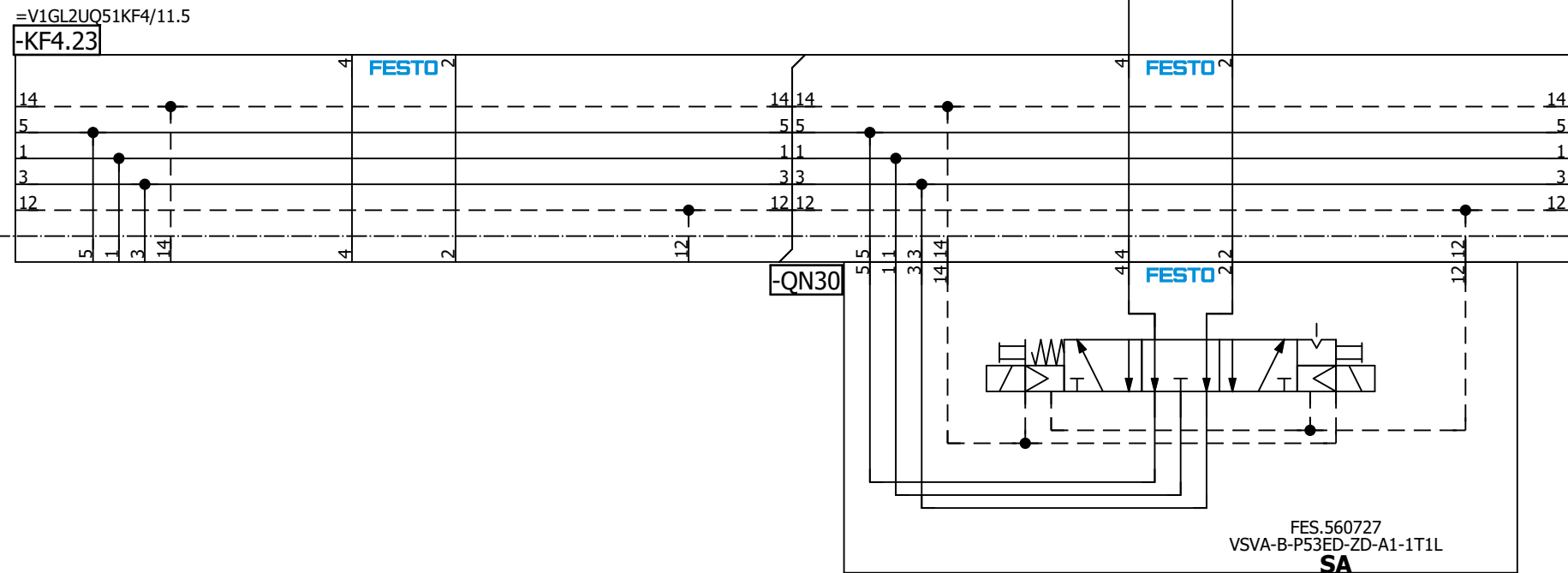
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-UQ29-QN29.2
Shot Pin 29
(SET)

=V1GL2UQ51UQ28/1 =V1GL2UQ51UQ30/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 29	Drawing name:		= V1GL2UQ51UQ29
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL2UQ51
Appr			Replacement of		Scale 1:1		Document type:		Project nr:
Modification	Date	Name	Original	Replaced by			MFS	22-16150	Page
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=V1GL2UQ51KF4



=V1GL2UQ51
-UQ30-QN30.1
Clamp 30
(RST)

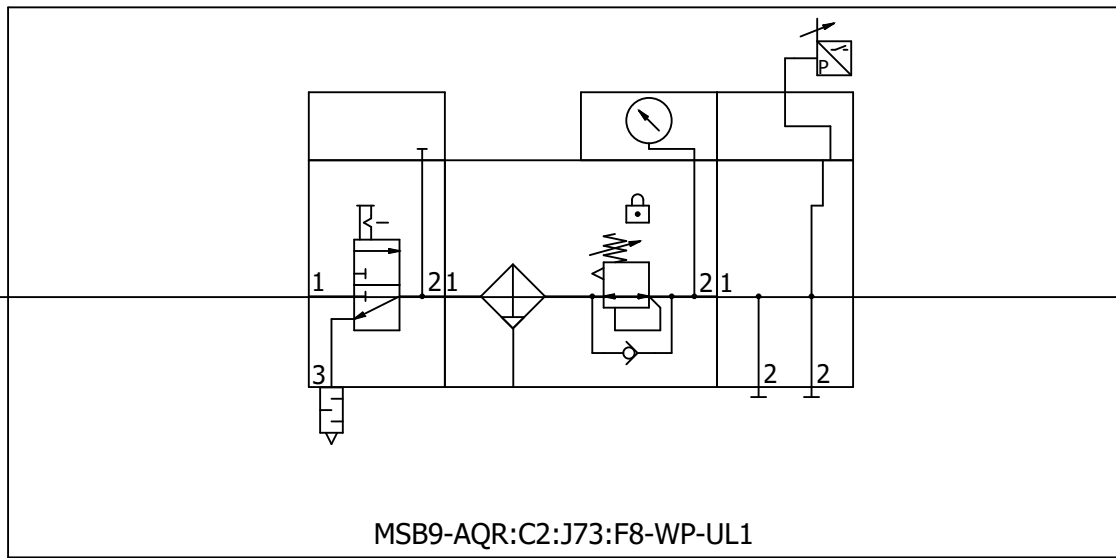
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-UQ30-QN30.2
Clamp 30
(SET)

=V1GL2UQ51UQ31/1

=V1GL2UQ51UQ29/1			Date	1/9/2023	Volvo Trucks North America	Valiant TMS	Clamp 30	Drawing name:	= V1GL2UQ51UQ30	
			Ed.	MKLEPADLO				=2V09&MFS-PNEU	+ V1GL2UQ51	
			Appr.		P6700 Bodyside LH - Robot Cell 2V09			Document type:	Project nr:	
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1	MFS	22-16150	Page 1
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A2

=KH0+KH0/1.7 / +V1GL17KH1-P1 →

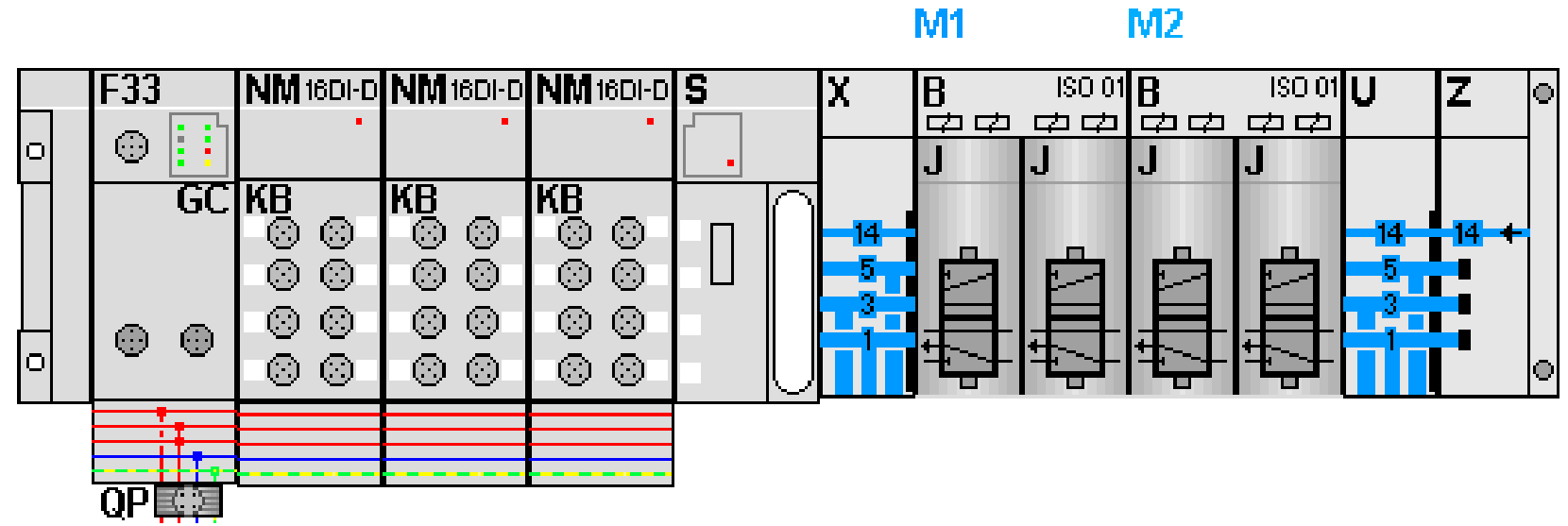


→ +V1GL17UQ51-P1 / =V1GL17UQ51KF1+V1GL17UQ51/11.0

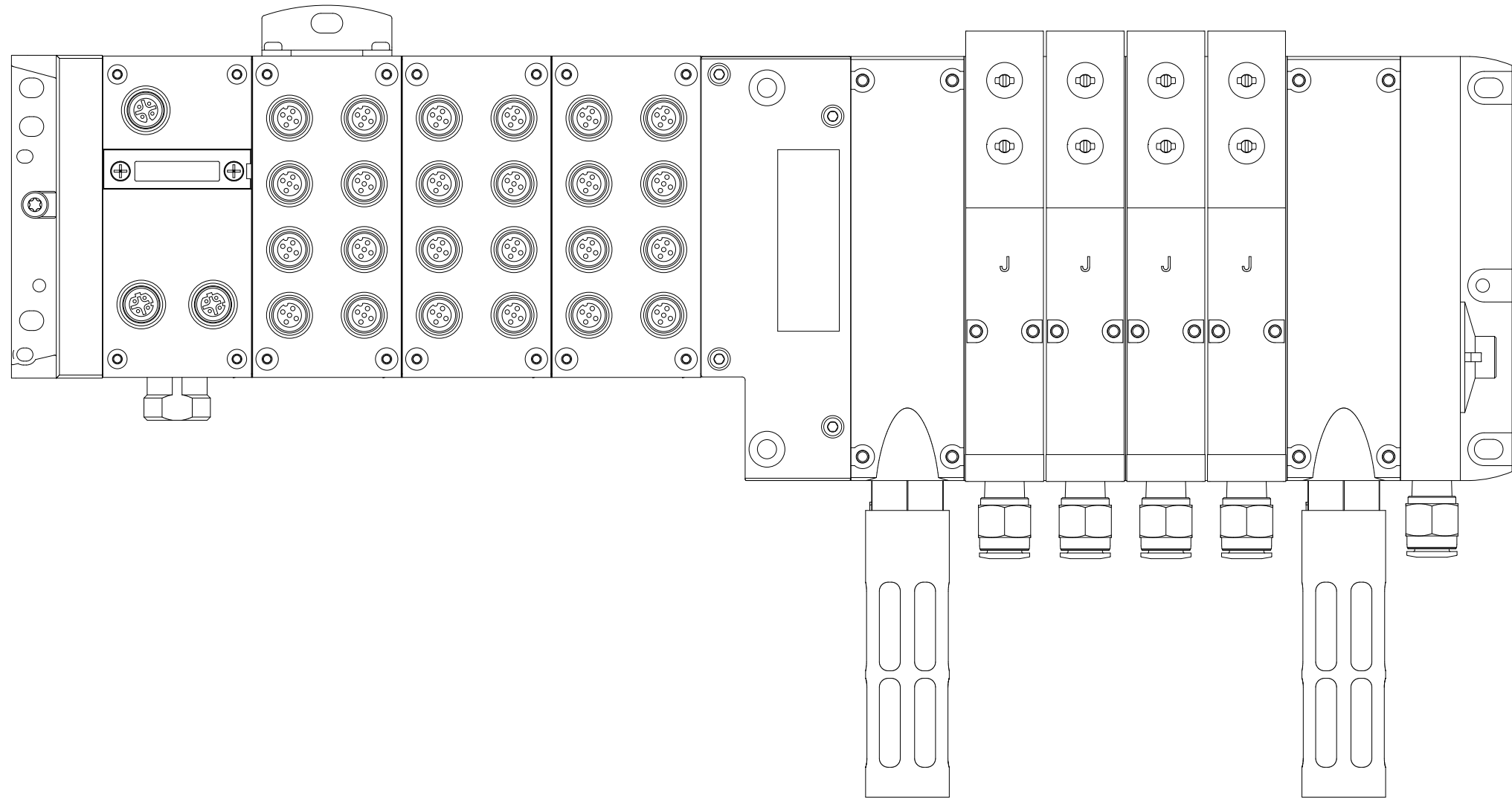
=V1GL2UQ51UQ32+V1GL2UQ51/1

=V1GL17UQ51KF1+V1GL17UQ51/5

			Date	1/9/2023	Volvo Trucks North America	Valiant TMS	Incoming air supply (Fixture)	Drawing name:		= V1GL17
			Ed.	MKLEPADLO				=2V09&MFS-PNEU		+ KH1
			Appr		P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original		Replacement of			Replaced by	MFS	22-16150
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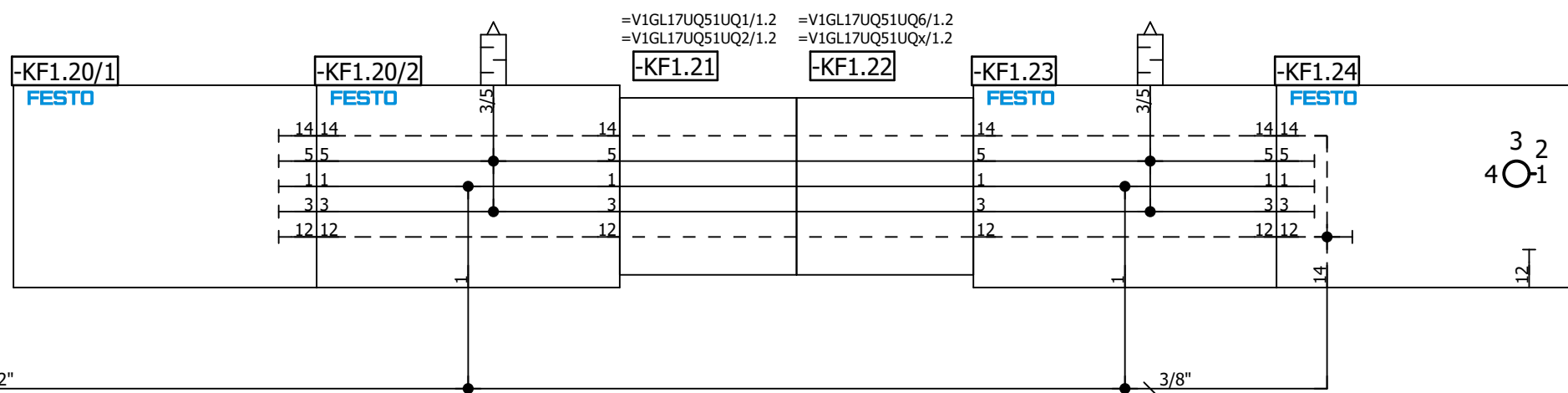
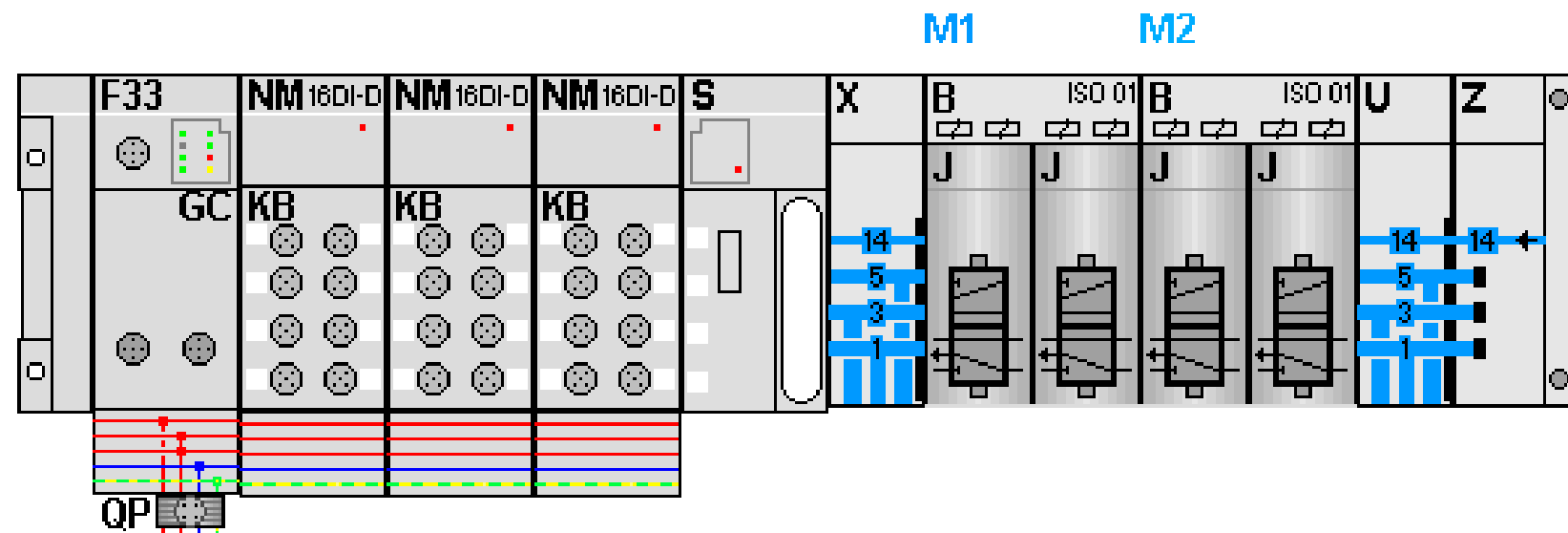


KF1.0

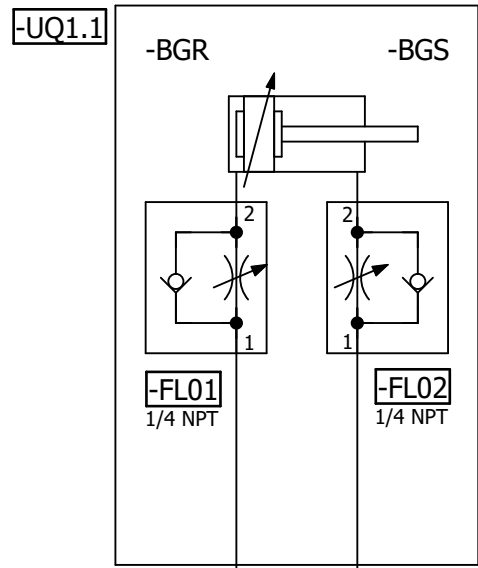


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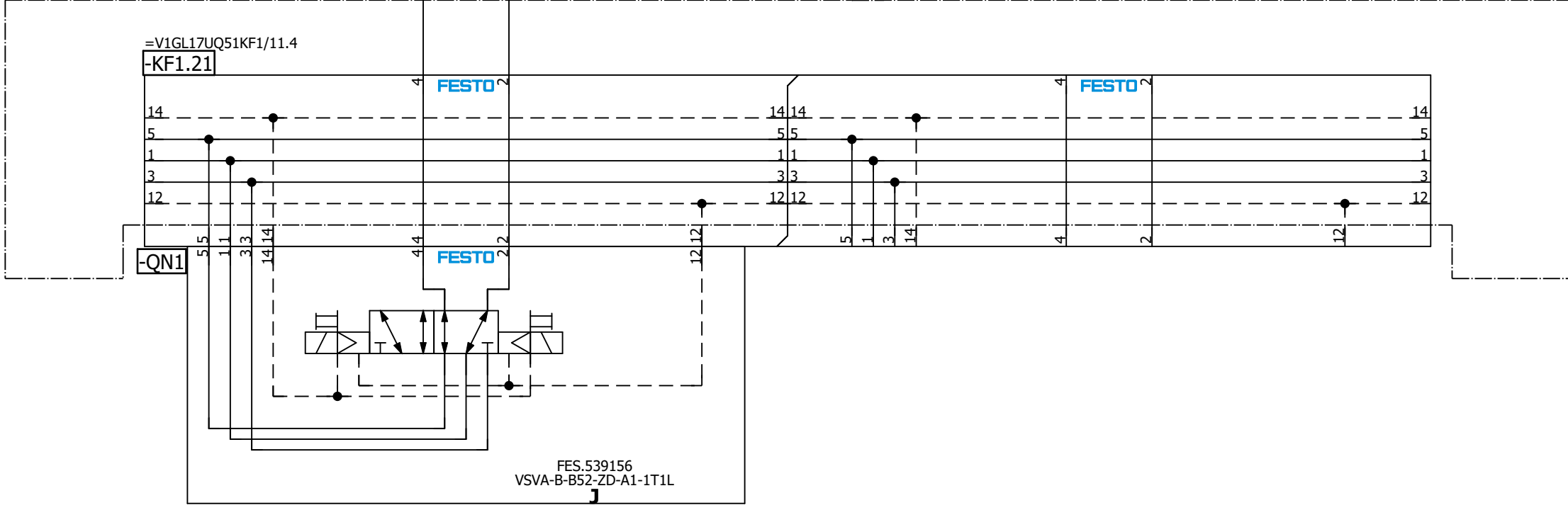
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				Date: 1/9/2023 Ed.: MKLEPADLO Appr.:	Volvo Trucks North America P6700 Bodyside LH - Robot Cell 2V09		Valiant TMS AIR SUPPLY CONFIGURATION	= V1GL17UQ51KF1 + V1GL17UQ51				404



Date		1/9/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1GL17UQ51KF1			
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1GL17UQ51			
Appr.			Replacement of		Scale 1:1	Document type:		MFS	Project nr:	22-16150	Page	11
Original			Replaced by			Project nr:		22-16150		Page		404



=V1GL17UQ51KF1

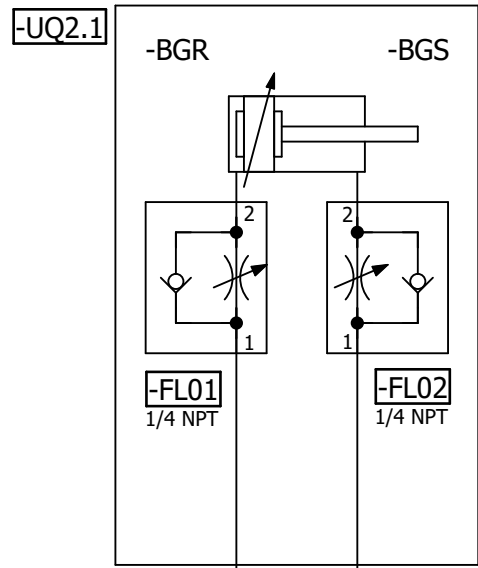


=V1GL17UQ51
-UQ1-QN1.1
Pallet Stop Sta #1
Load (RST)

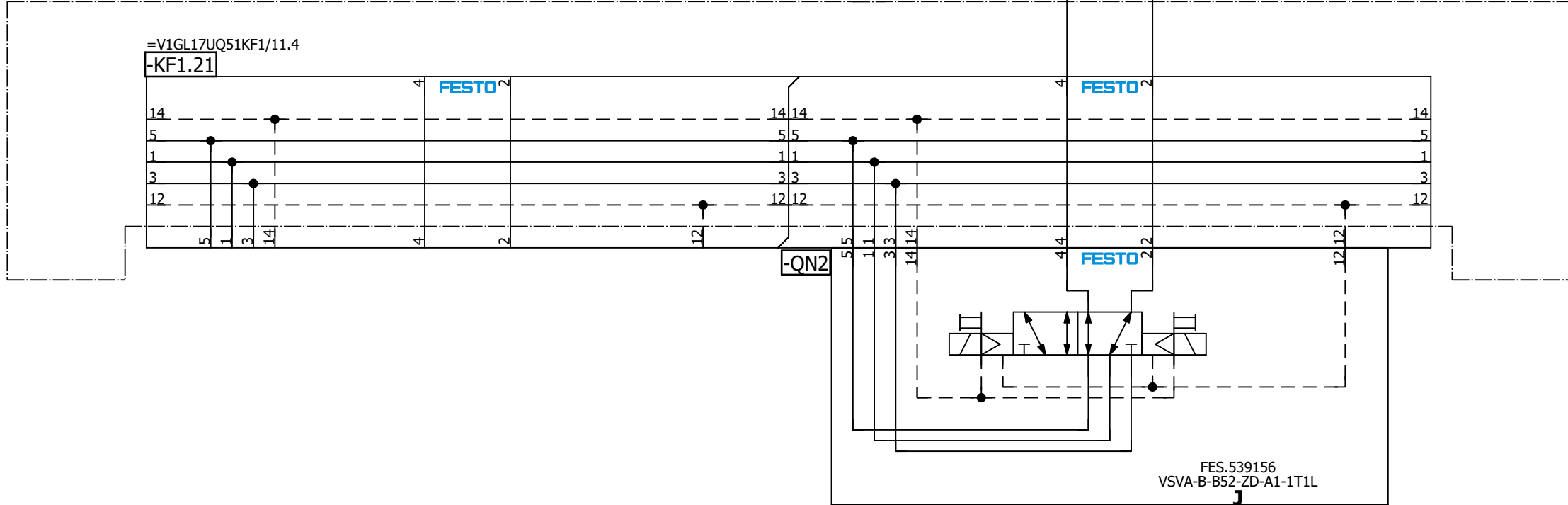
=V1GL17UQ51
-UQ1-QN1.2
Pallet Stop Sta #1
Load (SET)

=V1GL17UQ51KF1/11

=V1GL17UQ51UQ2/1



=V1GL17UQ51KF1

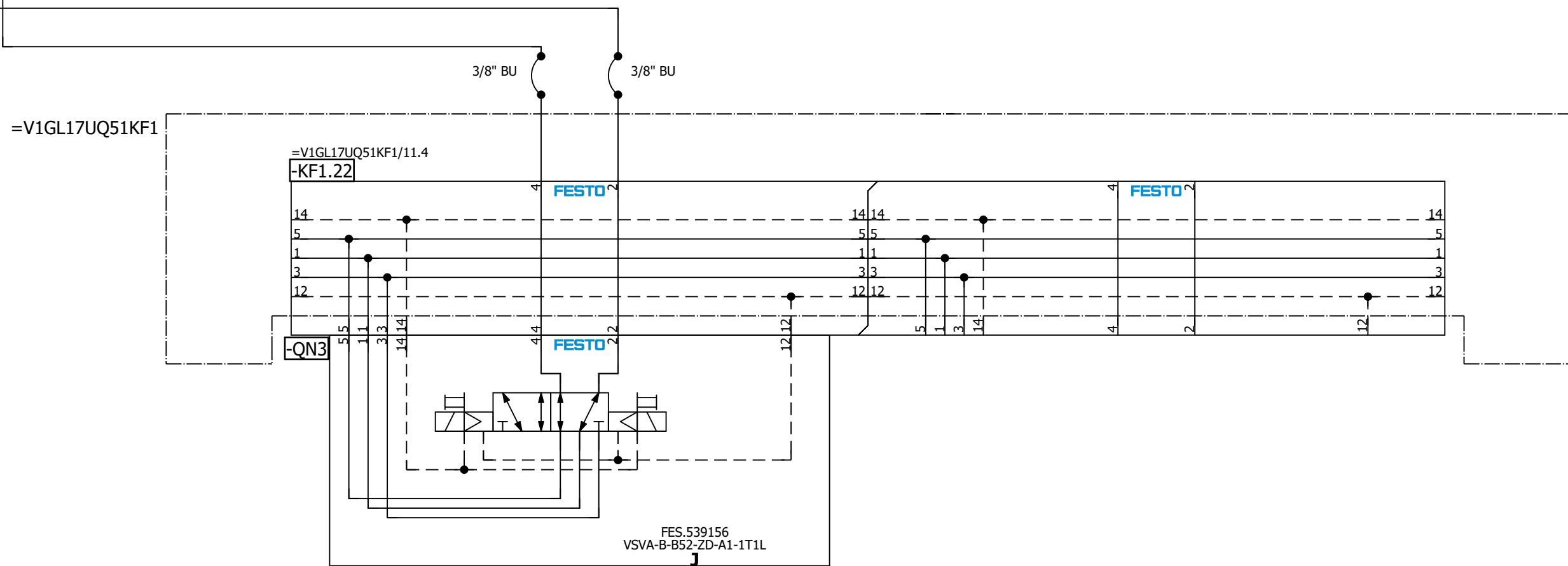
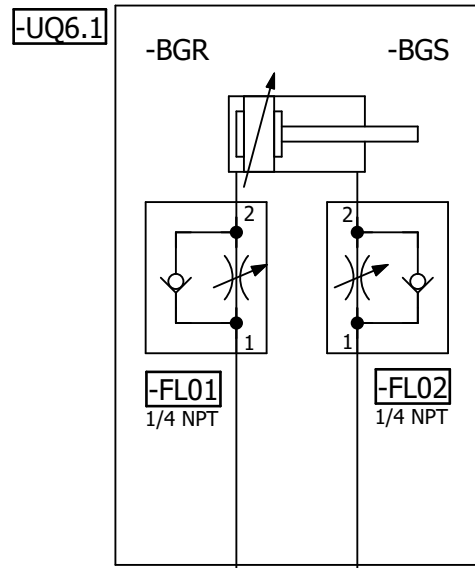


=V1GL17UQ51
-UQ2-QN2.1
Pallet Stop Sta #2
Mid-Stop (RST)

=V1GL17UQ51
-UQ2-QN2.2
Pallet Stop Sta #2
Mid-Stop (SET)

=V1GL17UQ51UQ6/1

=V1GL17UQ51UQ1/1			Date	1/9/2023	Volvo Trucks North America	Valiant TMS	Pallet Stop Station #2 Mid-Stop	Drawing name:	= V1GL17UQ51UQ2
			Ed.	MKLEPADLO				=2V09&MFS-PNEU	+ V1GL17UQ51
			Appr		P6700 Bodyside LH - Robot Cell 2V09			Document type:	Project nr:
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1	MFS	22-16150
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									404

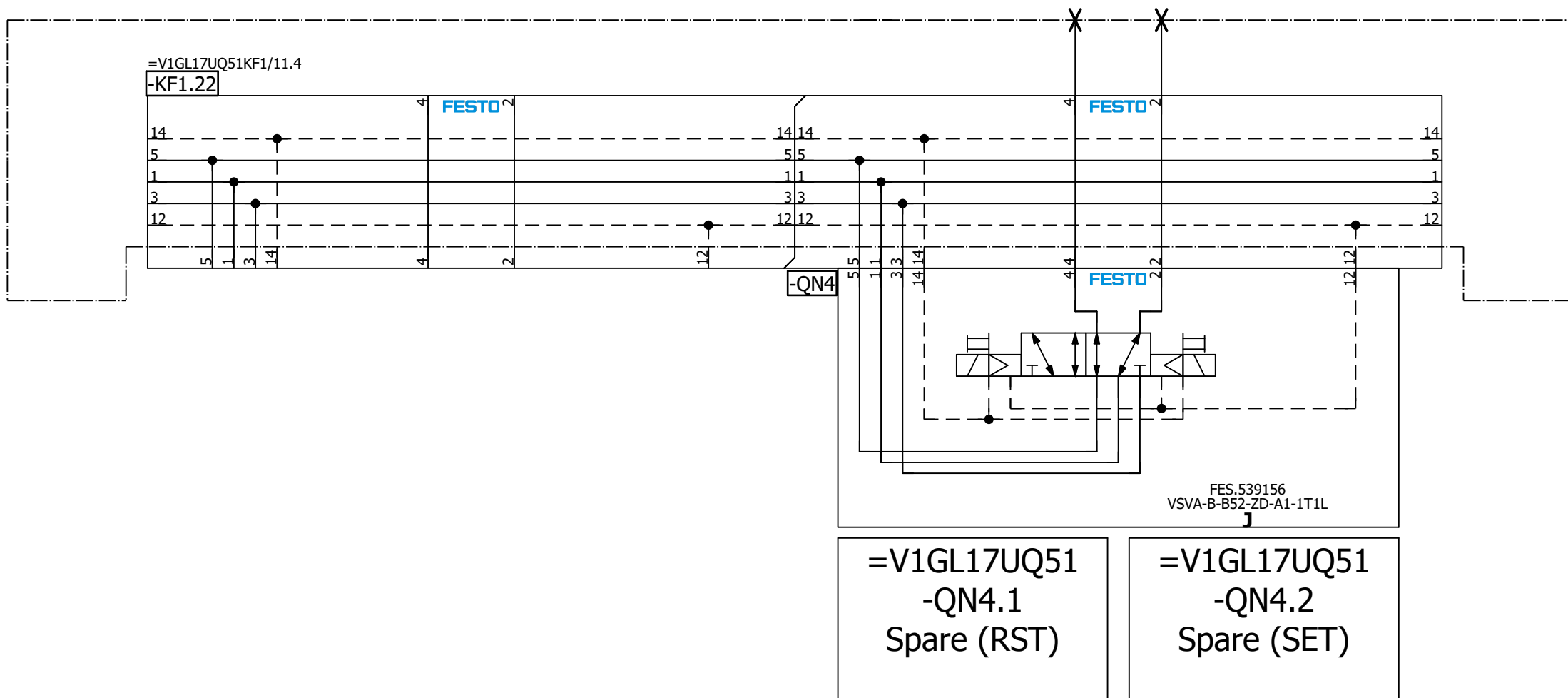


=V1GL17UQ51
-UQ6-QN3.1
Pallet Stop Sta #6
Pre-Load (RST)

=V1GL17UQ51
-UQ6-QN3.2
Pallet Stop Sta #6
Pre-Load (SET)




=V1GL17UQ51KF1



=V1GL17UQ51
-QN4.1
Spare (RST)

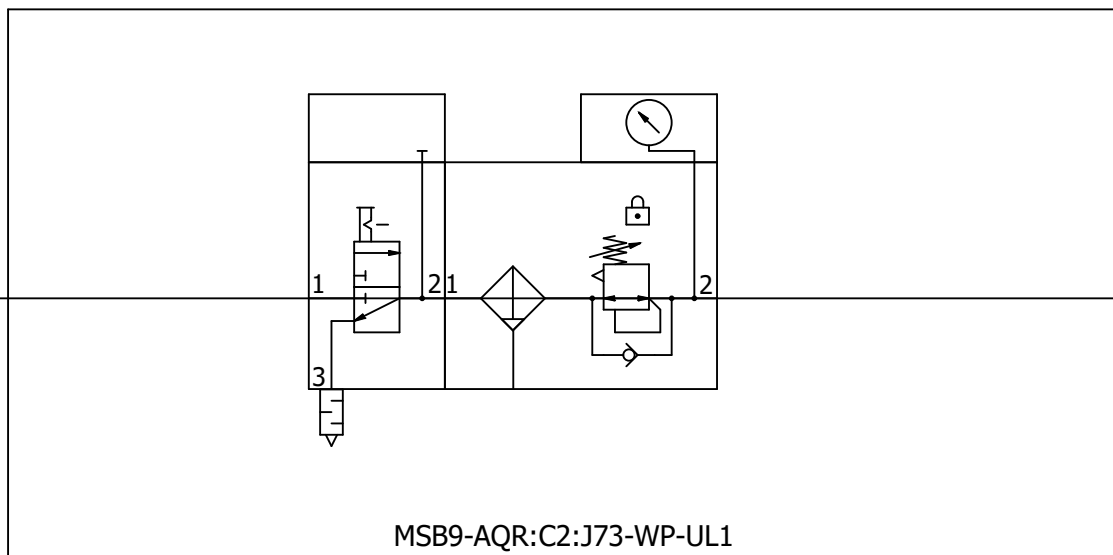
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Spare (SET)

=V1GM1+KH1/1

=V1GL17UQ51UQ6/1			Date	1/9/2023	Volvo Trucks North America	Valiant TMS	Spare	Drawing name:	= V1GL17UQ51UQx	Page	1
			Ed.	MKLEPADLO		Scale 1:1		= 2V09&MFS-PNEU		Project nr:	22-16150
			Appr.					Replacement of			
Modification	Date	Name	Original		Replaced by			Document type:	MFS		

A2

=KH0+KH0/1.7 / +V1GM1KH1-P1




MSB9-AQR:C2:J73-WP-UL1

1/2"

+V1GM1KH1-P1 /
Lift Assist

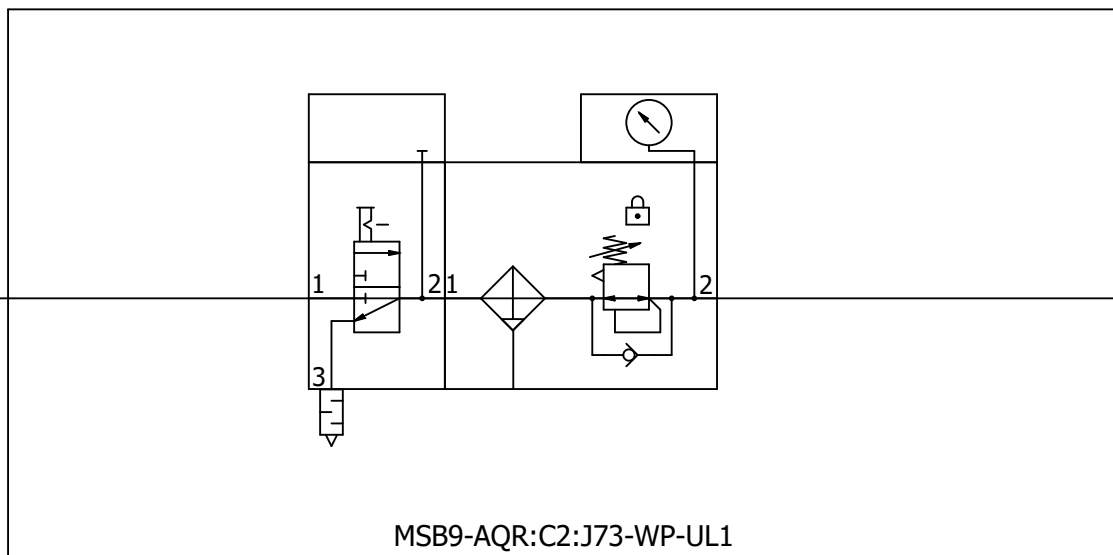
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=V1GM2/2

		Date	1/9/2023	Volvo Trucks North America			Valiant TMS	Incoming air supply (Lift Assist)	Drawing name: =2V09&MFS-PNEU		= V1GM1
		Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09						+ KH1	
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1	Document type: MFS	Project nr: 22-16150	Page	1
											404

A2

=KH0+KH0/1.7 / +V1GM2KH1-P1




MSB9-AQR:C2:J73-WP-UL1

1/2"

+V1GM2KH1-P1 /
Lift Assist

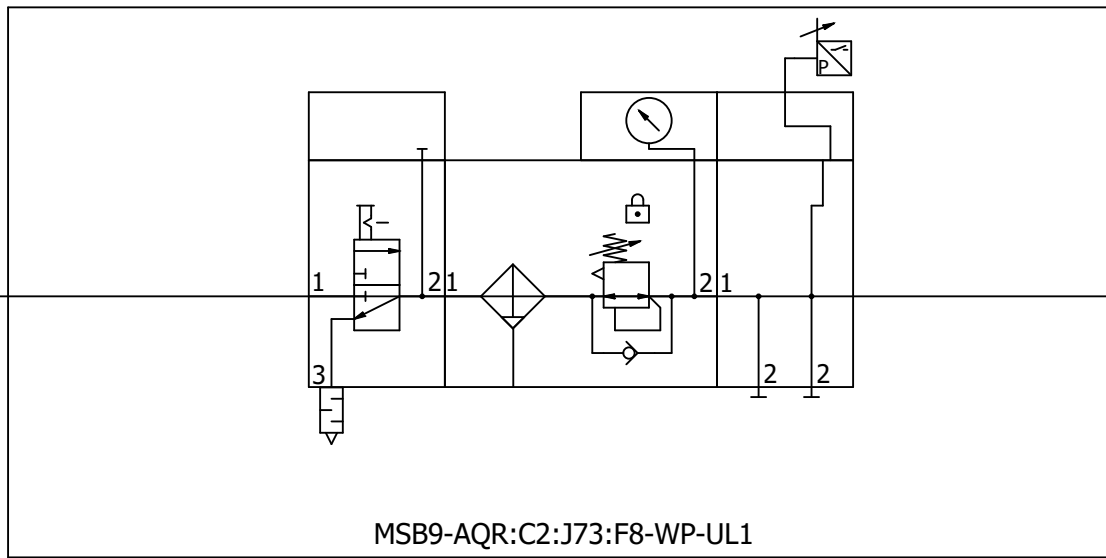
=V1GM1/1

=V1PF1/1

		Date	1/9/2023	Volvo Trucks North America			Valiant TMS	Incoming air supply (Lift Assist)	Drawing name:		= V1GM2
		Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09						=2V09&MFS-PNEU	
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1		Document type:	Project nr:	Page
									MFS	22-16150	2
											404

A2

=KH0+KH0/1.7 / +V1PF1KH1-P1




1/2"

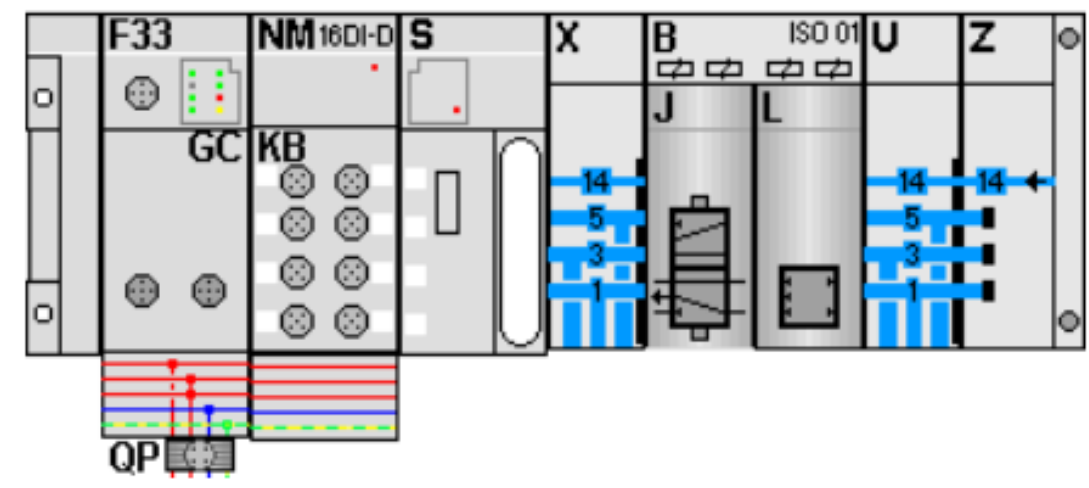
+V1PF1-P1 / =V1PF1KF1+V1PF1/11.0

=V1GM2/2

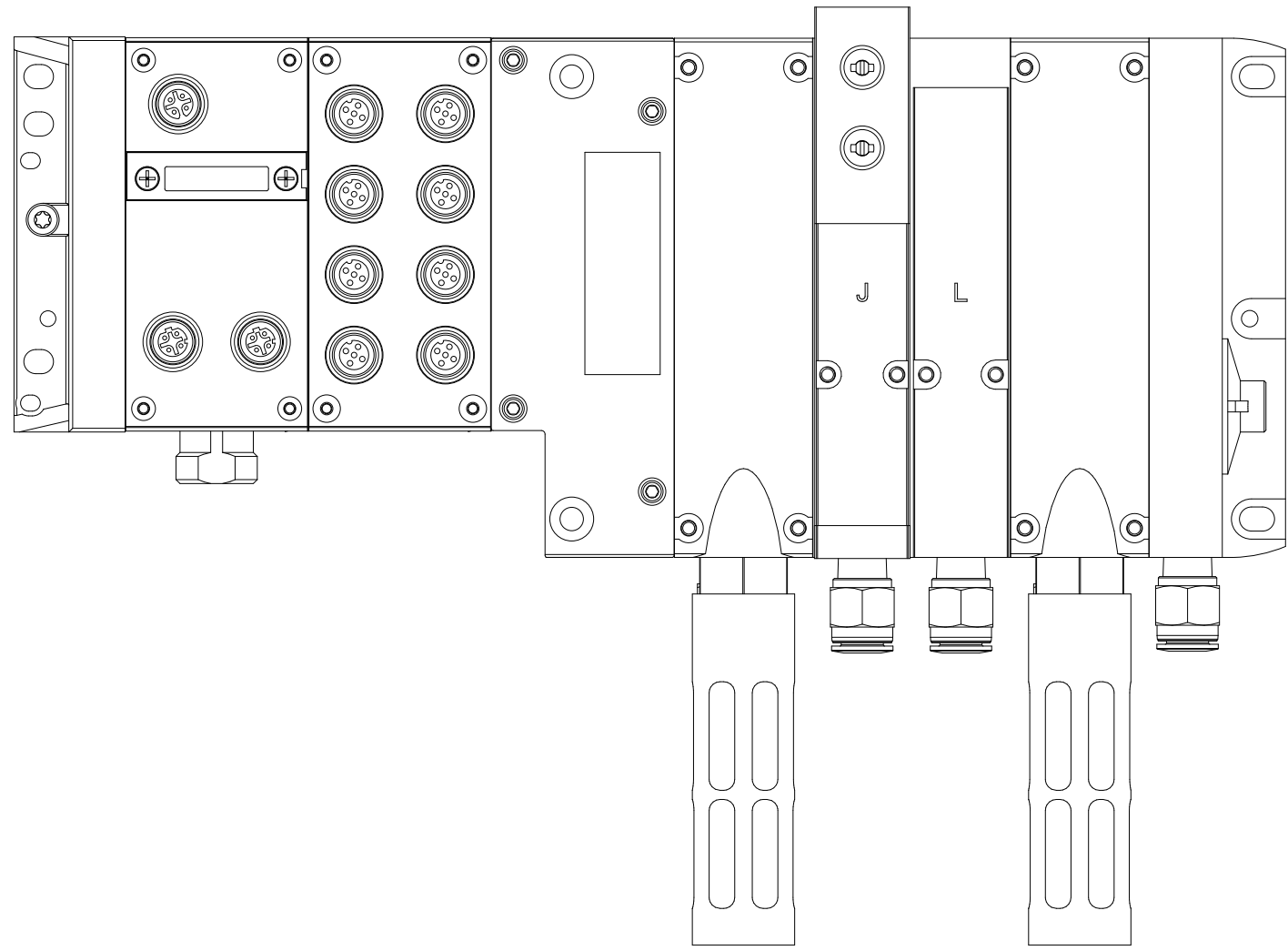
=V1PF1KF1+V1PF1/5

		Date	1/9/2023	Volvo Trucks North America			Valiant TMS	Incoming air supply (Fixture)	Drawing name:		= V1PF1
		Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09						=2V09&MFS-PNEU	
		Appr		Replacement of		Replaced by	Scale 1:1	Document type:		Project nr:	Page
Modification	Date	Name	Original					MFS		22-16150	1
											404

M1



KF1.0

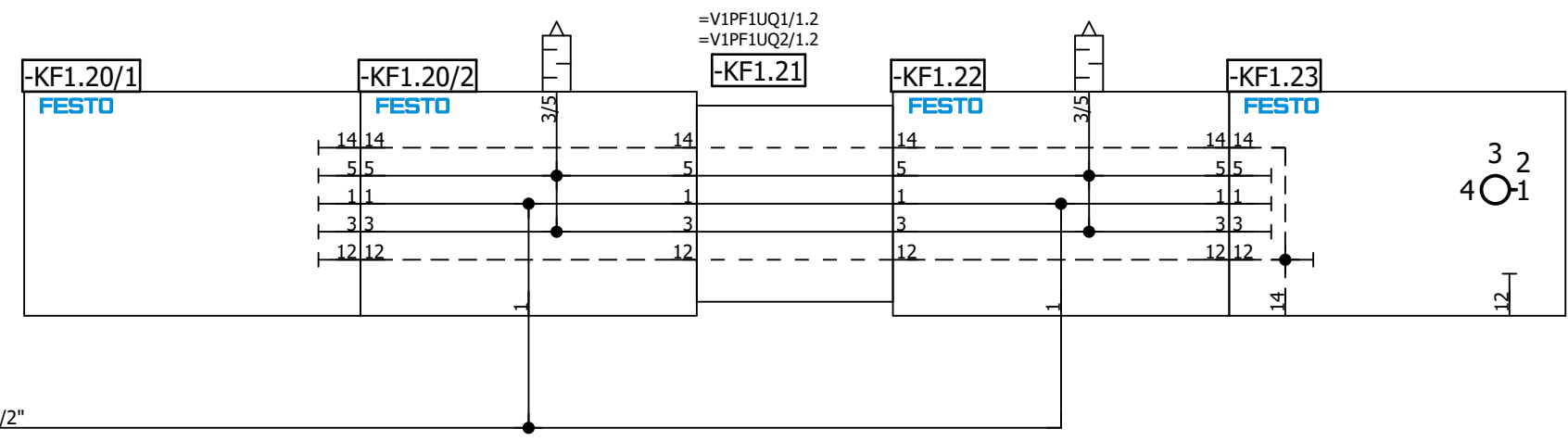
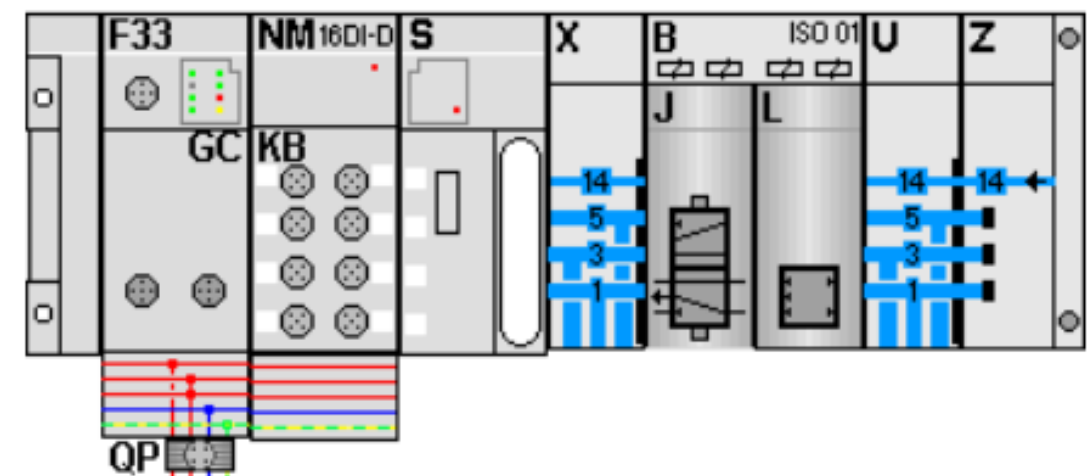


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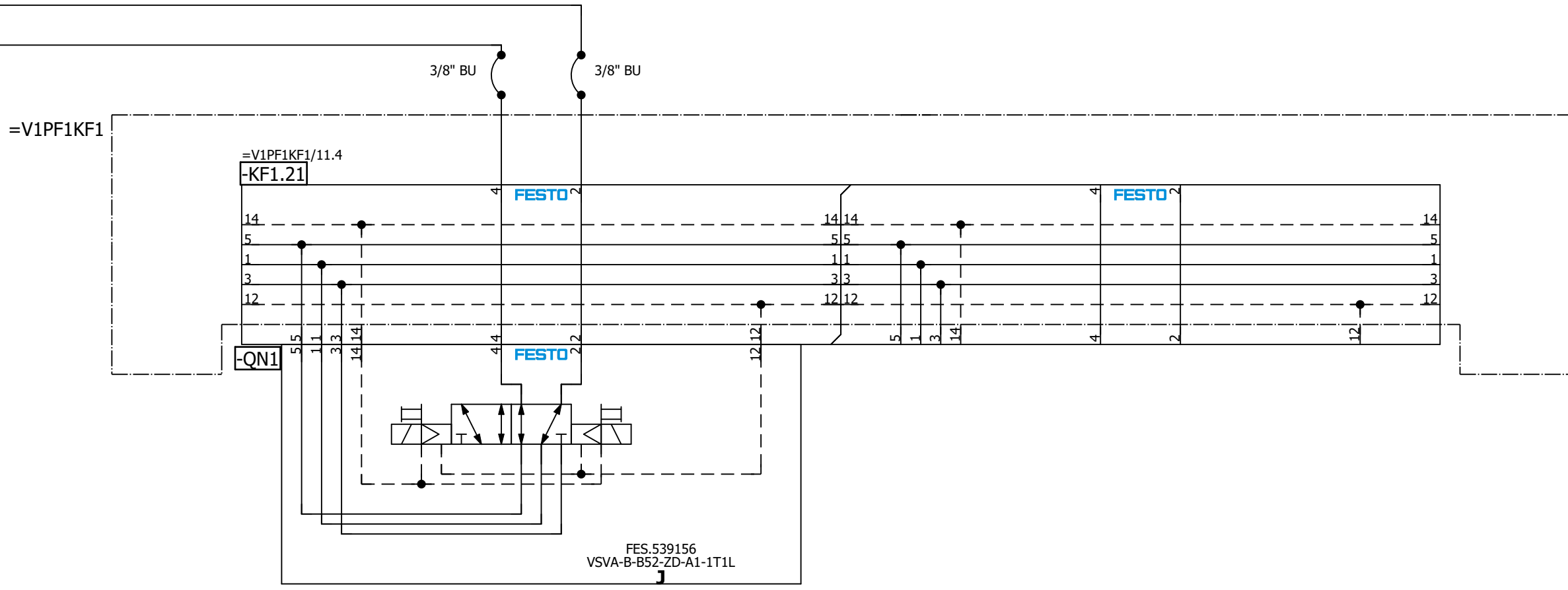
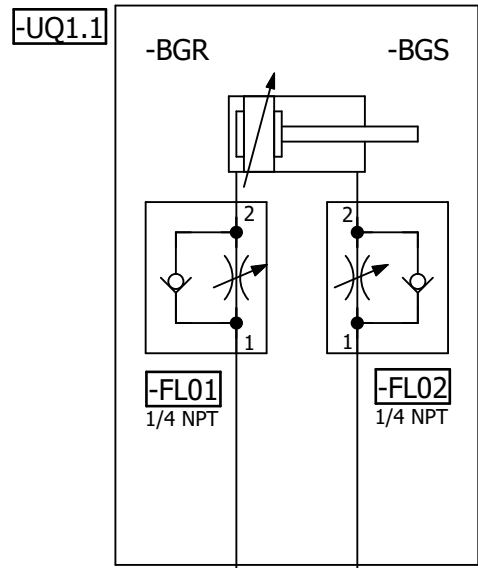
11

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name:		= V1PF1KF1
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1PF1
Appr			Replacement of		Scale 1:1	Document type:	Project nr:	Page	5
Modification	Date	Name	Original	Replaced by					MFS

M1



Date		1/9/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1PF1KF1
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1PF1
Appr			Replacement of		Scale 1:1	Document type:	Project nr:	Page	11
Original			Replaced by						MFS



=V1PF1
-UQ1-QN1.1
Clamp
(RST)

=V1PF1
-UQ1-QN1.2
Clamp
(SET)

=V1PF1KF1/11

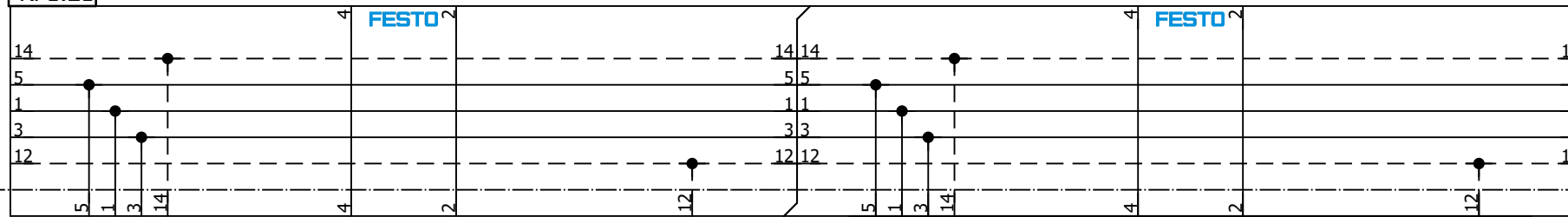
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1PF1
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									404



=V1PF1KF1

=V1PF1KF1/11.4
-KF1.21



-QN2

FESTO

FES.539212
VABB-S4-1-WT

82/84

12/14,12

=V1PF1UQ1/1

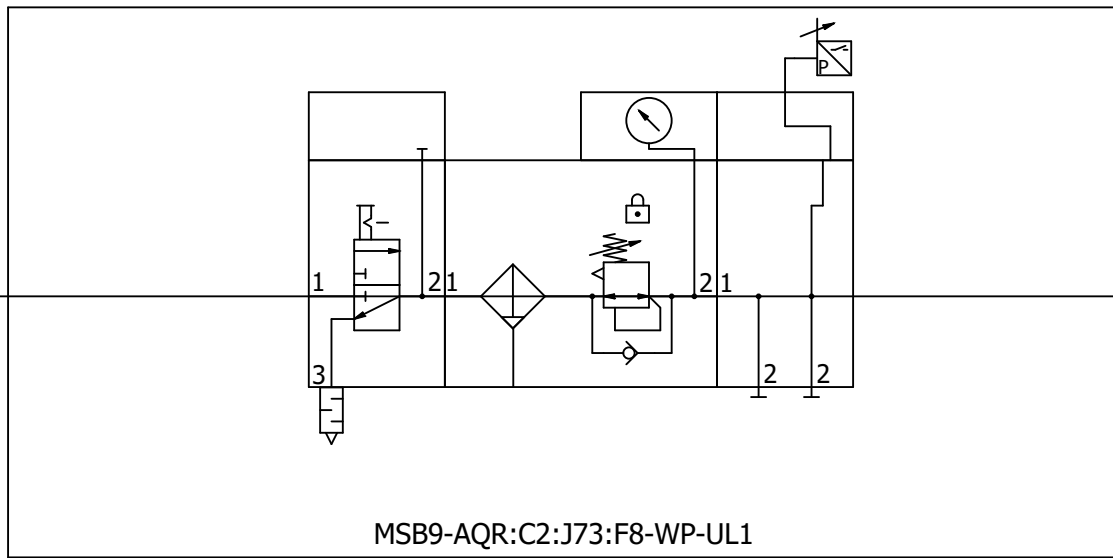
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		Appr		Replacement of	Replaced by	Scale 1:1	Document type:	Project nr:	Page
Modification	Date	Name	Original				MFS	22-16150	1
									404



A2

=KH0+KH0/1.7 / +V1UQ51KH1-P1 →



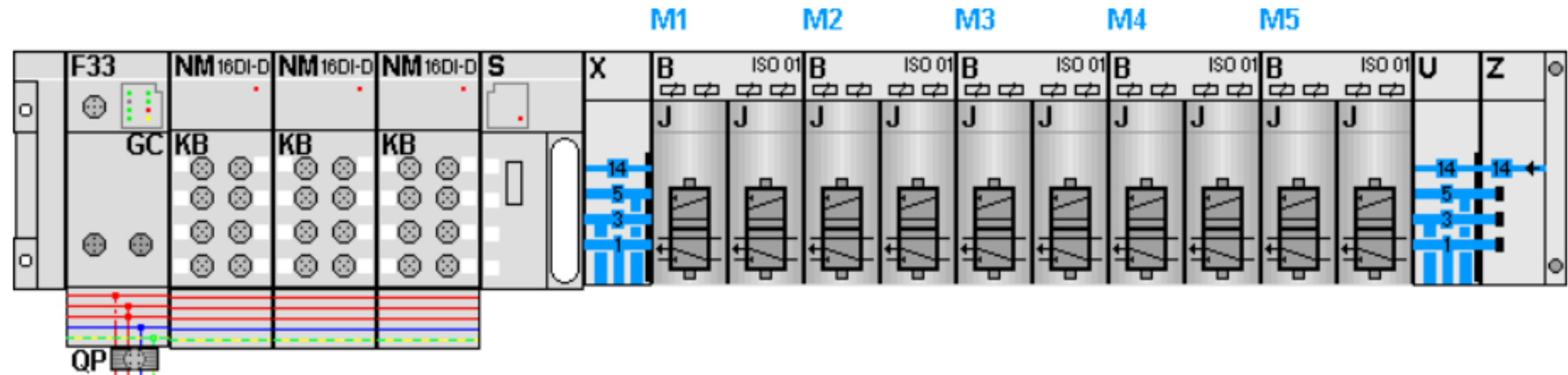
1/2"

→ +V1UQ51-P1 / =V1UQ51KF1+V1UQ51/11.0

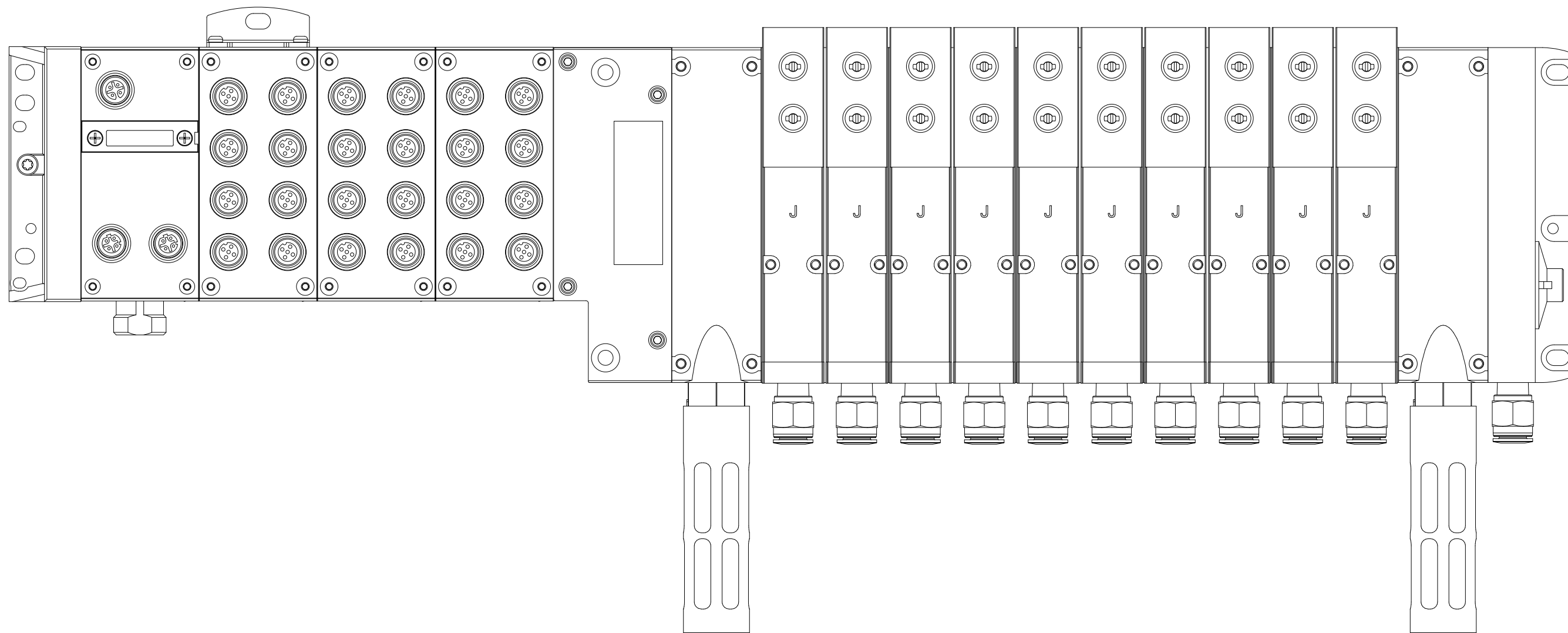
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=V1UQ51KF1+V1UQ51/5

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		Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09					=2V09&MFS-PNEU		+ KH1			
		Appr		Replacement of			Scale 1:1	Document type:		MFS	Project nr:	22-16150	Page	1
Modification	Date	Name	Original	Replaced by										404



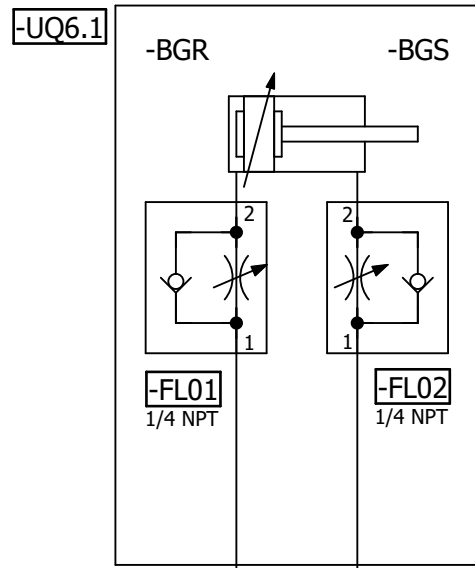
KF1.0



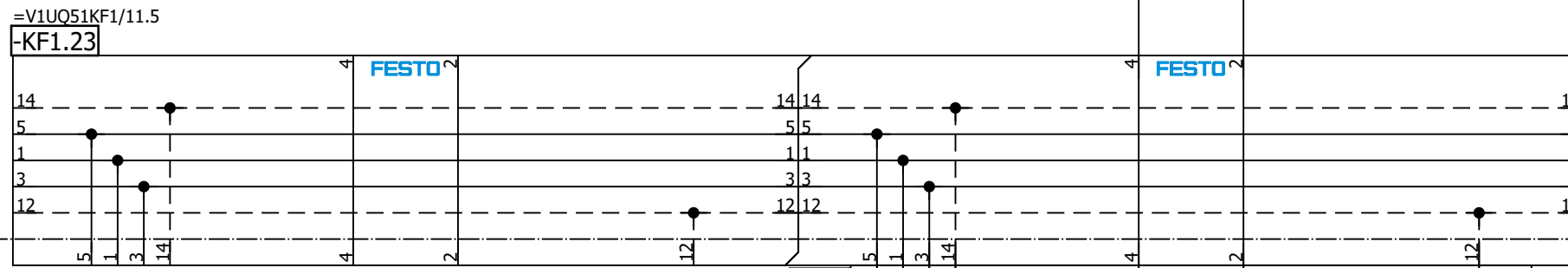
=V1UQ51+KH1/1

11

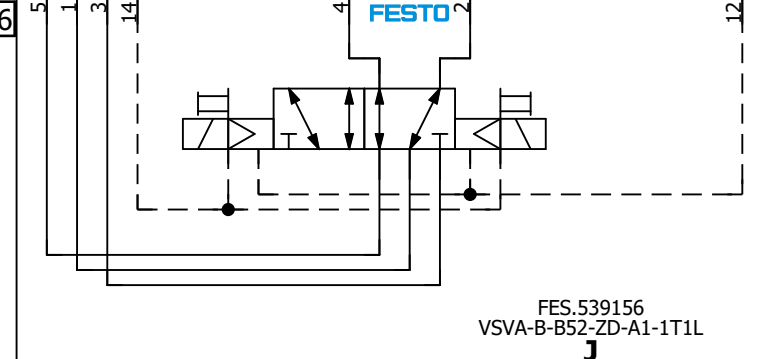
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		Date	Name	Original	Replacement of	Replaced by	Scale 1:1					Document type: MFS		Project nr: 22-16150		Page 5
																404



=V1UQ51KF1



-QN6



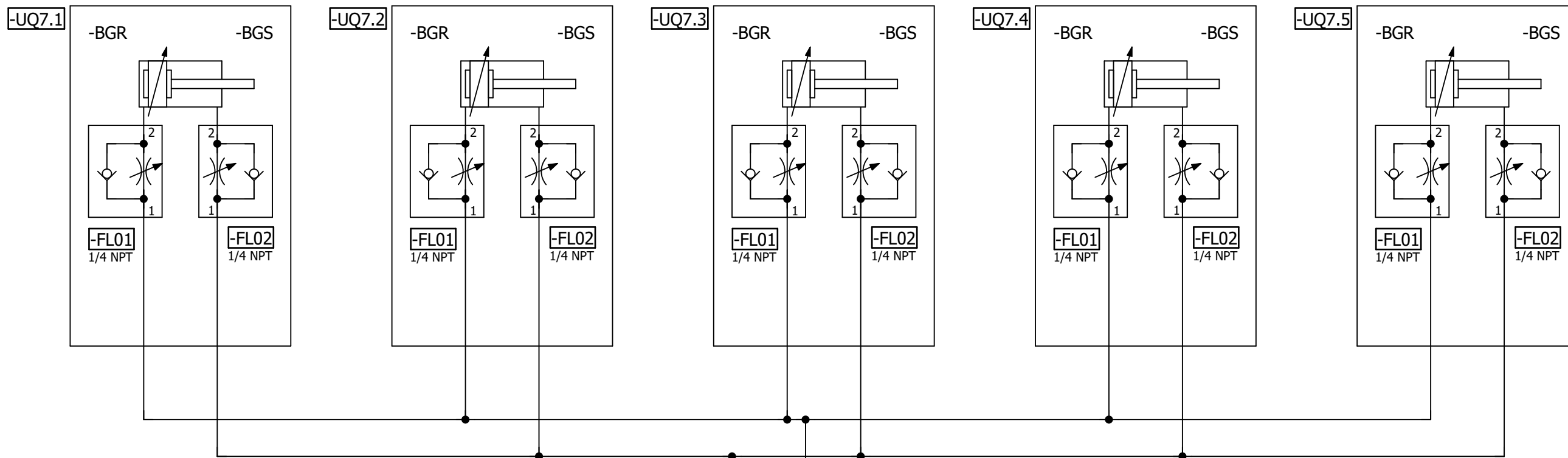
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-UQ6-QN6.1
Clamp 6
(RST)

=V1UQ51
-UQ6-QN6.2
Clamp 6
(SET)

=V1UQ51UQ7/1

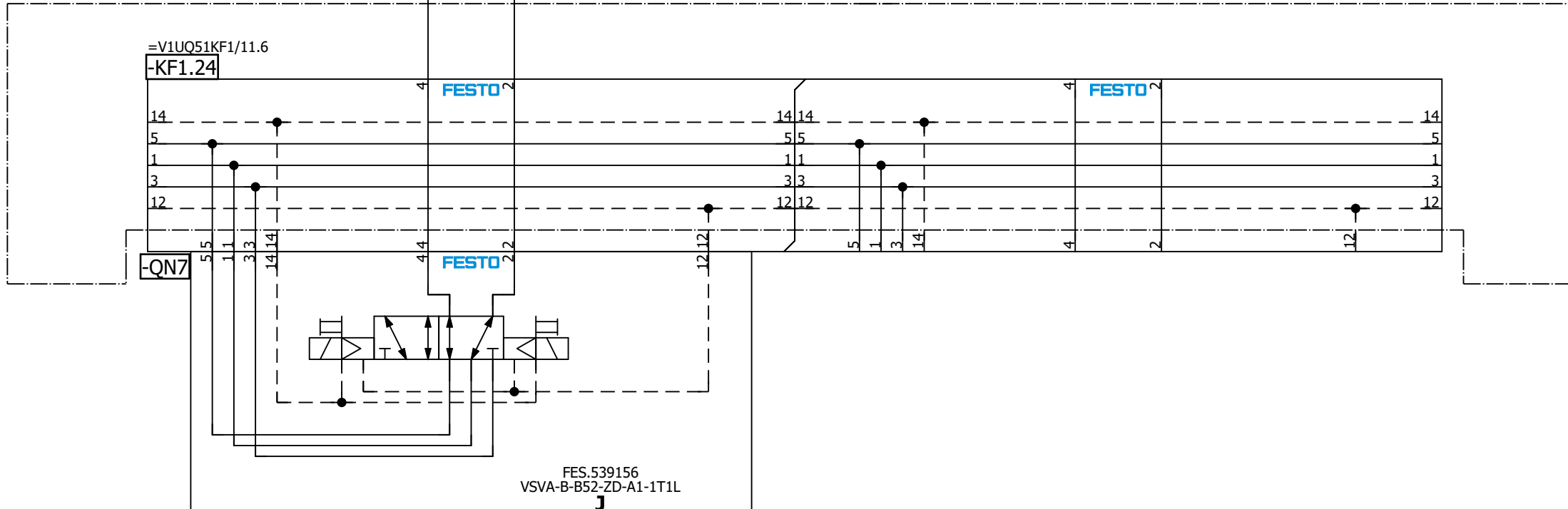
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Appr.			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS		22-16150
Modification		Date	Name	Original					404



3/8" BU 3/8" BU

=V1UQ51KF1



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

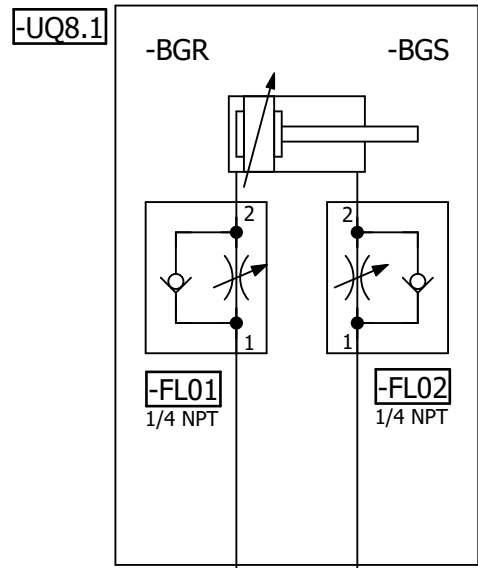
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Clamps 7
(RST)

=V1UQ51
-UQ7-QN7.2
Clamps 7
(SET)

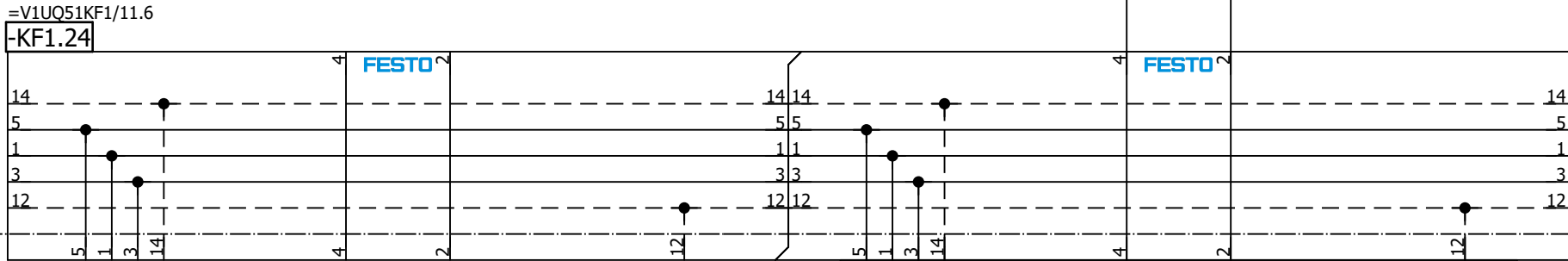
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=V1UQ51UQ8/1

Date		1/9/2023		Volvo Trucks North America		Valiant TMS		Clamps 7		Drawing name:		= V1UQ51UQ7		= V1UQ51UQ8/1	
Ed.		MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= 2V09&MFS-PNEU		+ V1UQ51	
Appr				Replacement of		Replaced by				Project nr:		22-16150		Page 1	
Modification		Date		Name		Original				MFS				404	



=V1UQ51KF1



3/8" BU 3/8" BU

=V1UQ51
-UQ8-QN8.1
Clamp 8
(RST)

=V1UQ51
-UQ8-QN8.2
Clamp 8
(SET)

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

=V1UQ51UQ7/1

=V1UQ51UQ9/1

Modification	Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Drawing name: =2V09&MFS-PNEU	Project nr: 22-16150	Page 1
									404

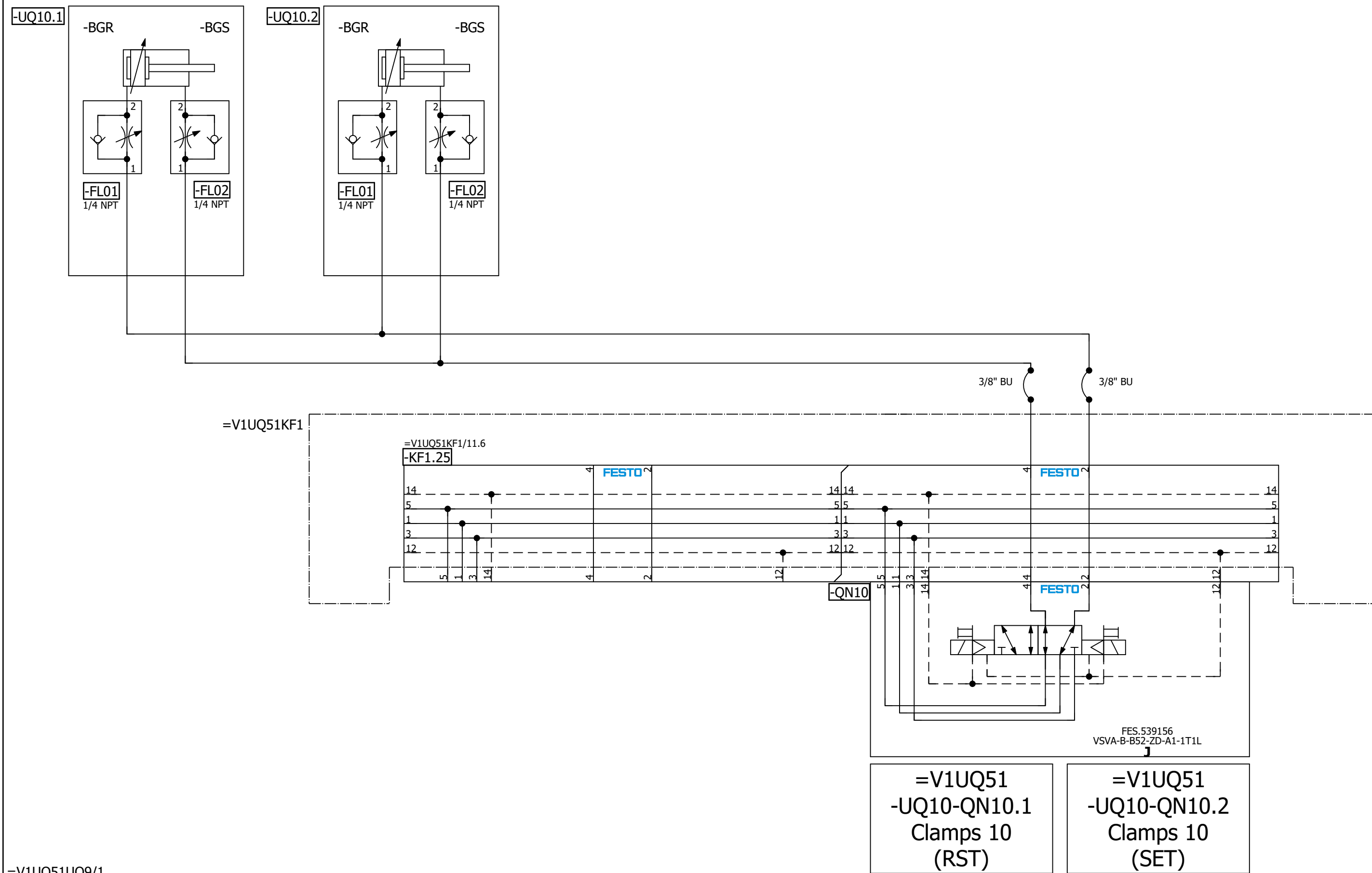
Date 1/9/2023
Ed. MKLEPADLO
Appr.

Volvo Trucks North America
P6700 Bodyside LH - Robot Cell 2V09

Valiant TMS
Clamp 8

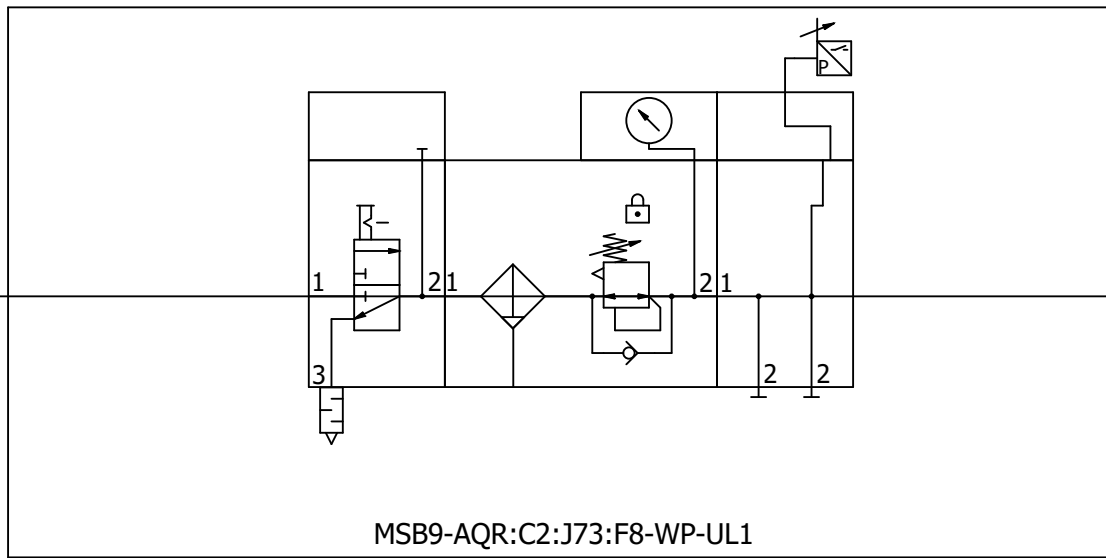
Scale 1:1

= V1UQ51UQ8
+ V1UQ51



A2

=KH0+KH0/1.7 / +V1UQ52KH1-P1




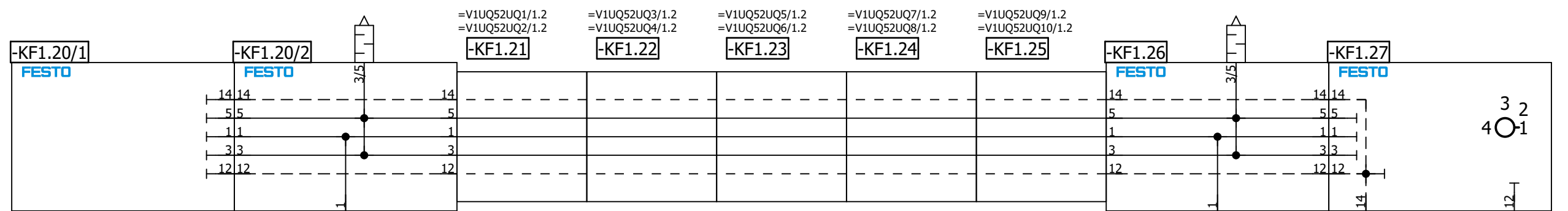
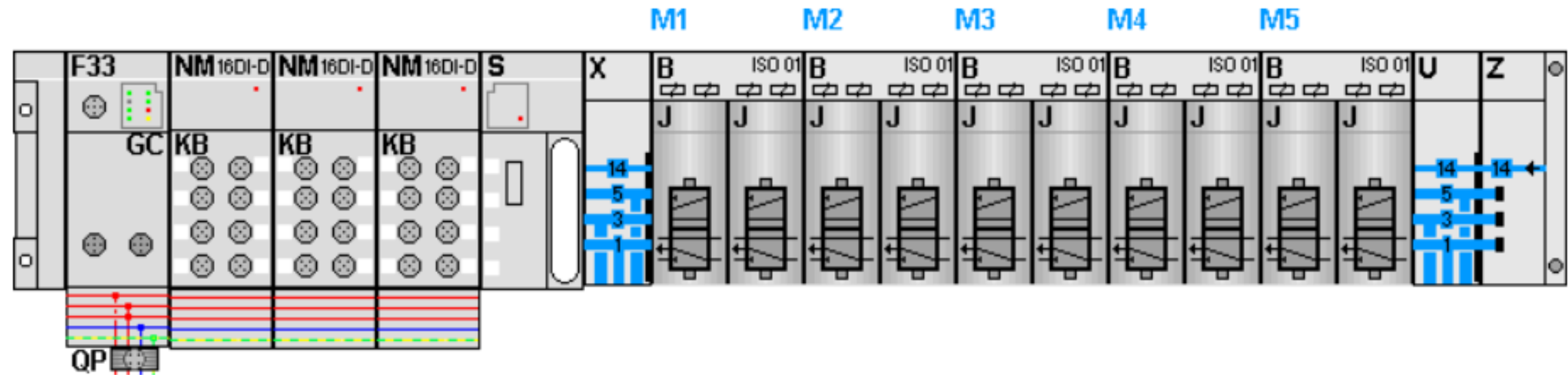
1/2"

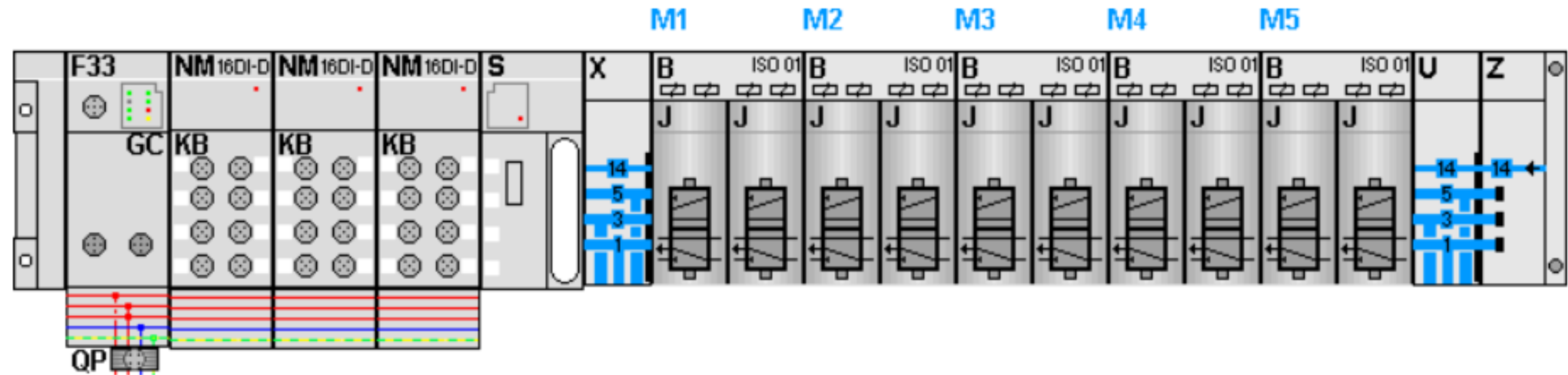
+V1UQ52-P1 / =V1UQ52KF1+V1UQ52/11.0

=V1UQ51UQ10+V1UQ51/1

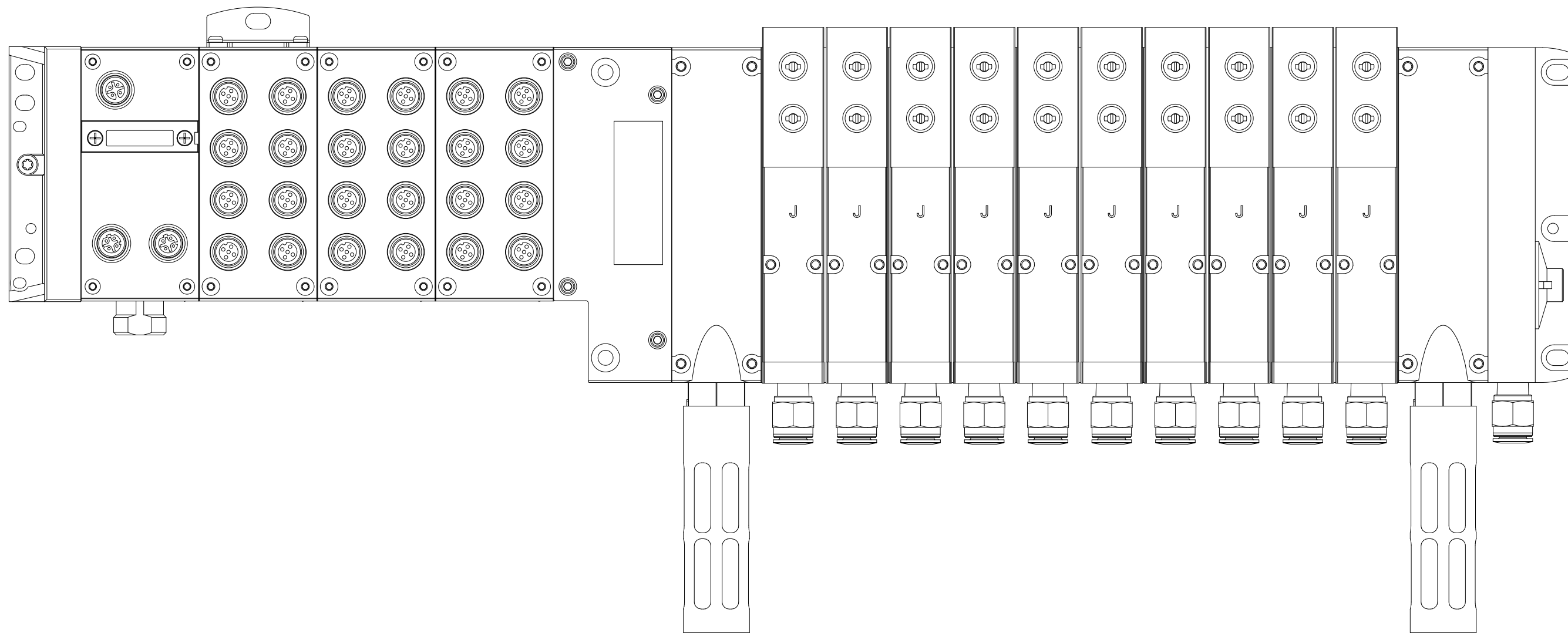
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09						=2V09&MFS-PNEU		+ KH1		
			Appr		Replacement of		Replaced by	Scale 1:1	Document type:		MFS	Project nr:	22-16150	Page	1
Modification	Date	Name	Original												404





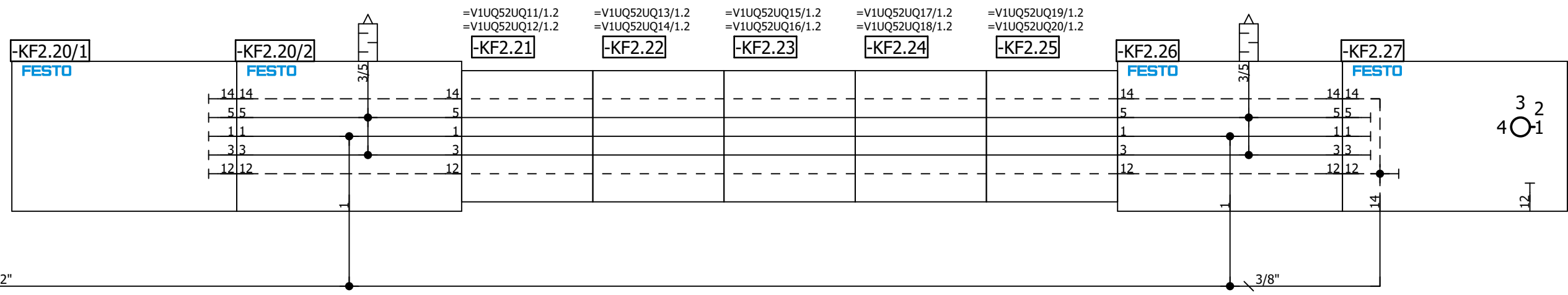
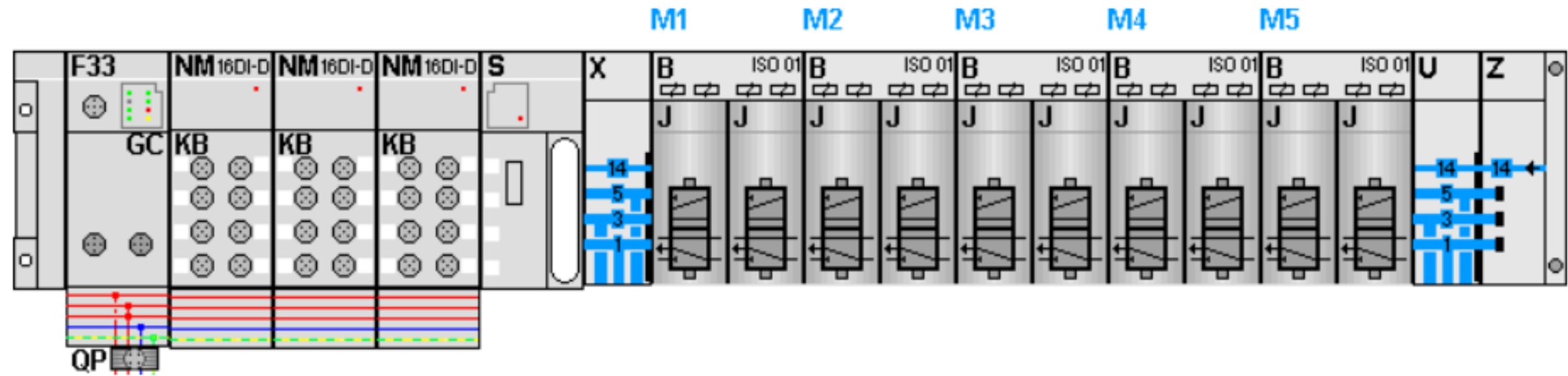
KF2.0



=V1UQ52KF1/11

11

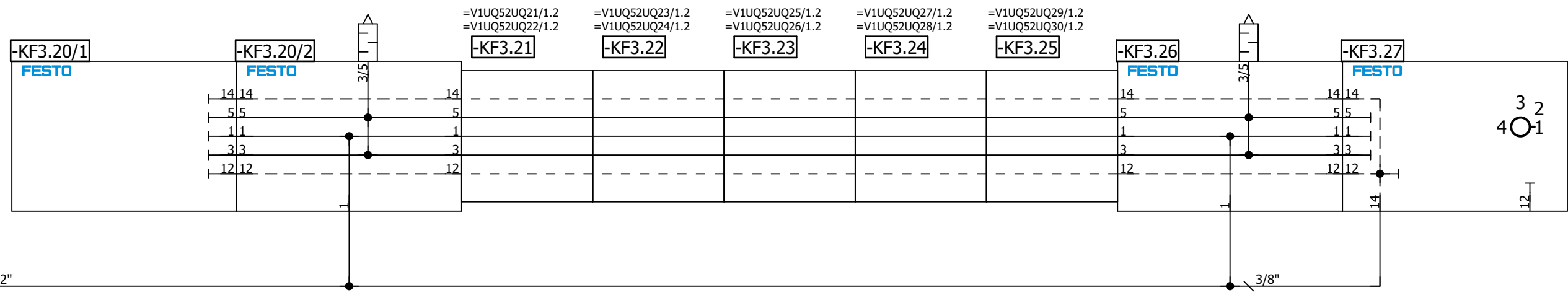
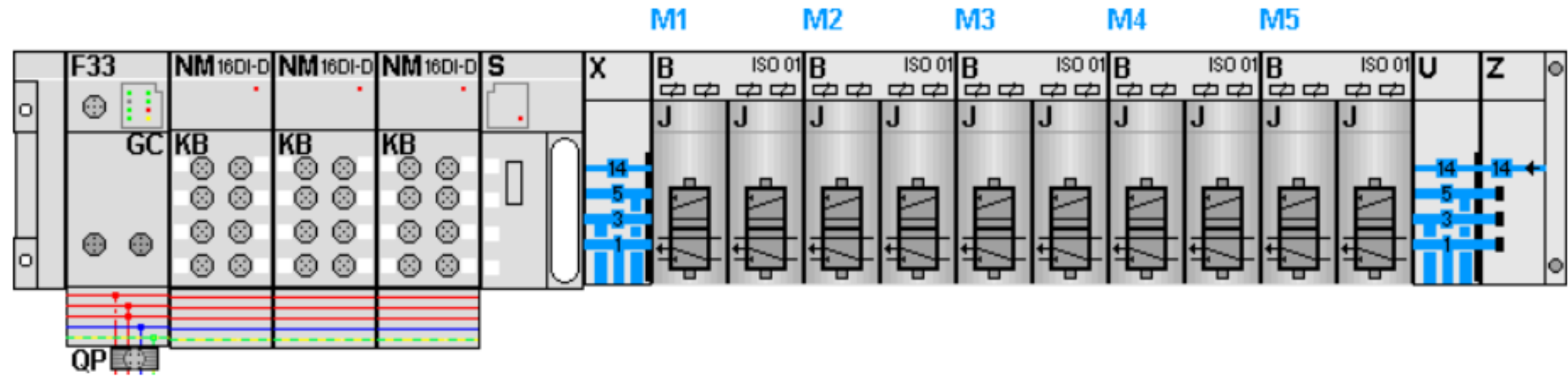
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		Ed.	MKLEPADLO				=2V09&MFS-PNEU		+ V1UQ52
		Appr		P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replacement of			Replaced by	MFS	22-16150
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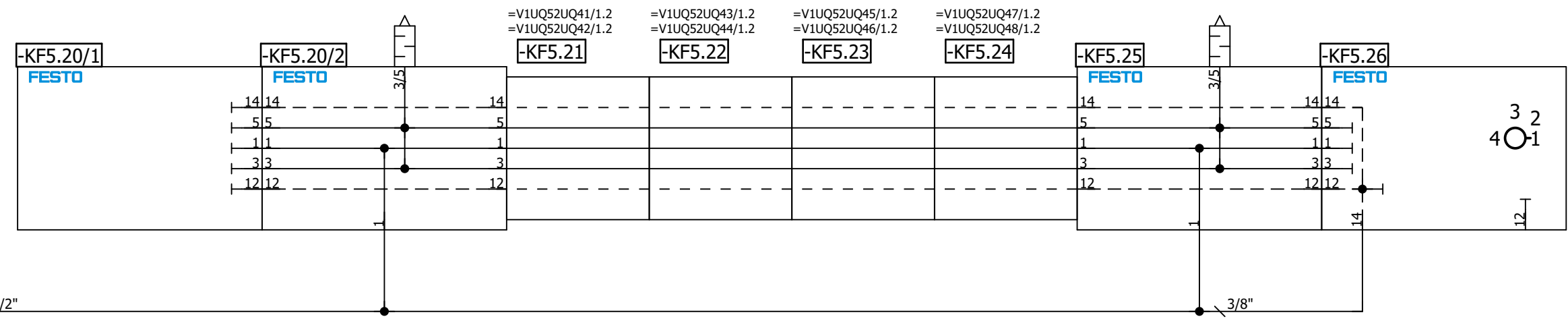
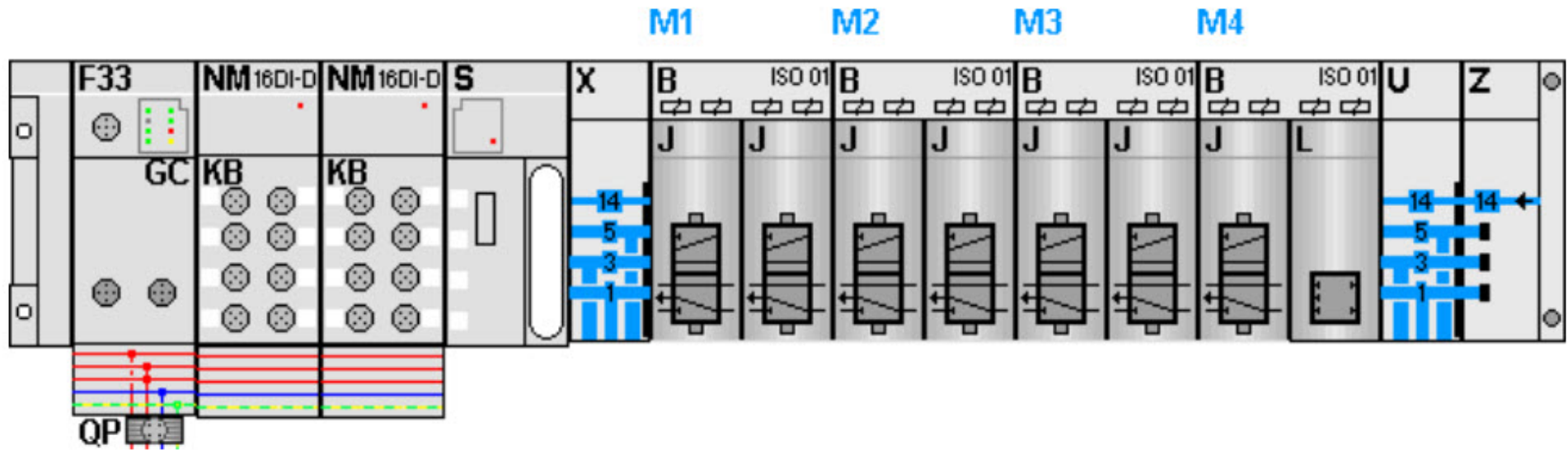


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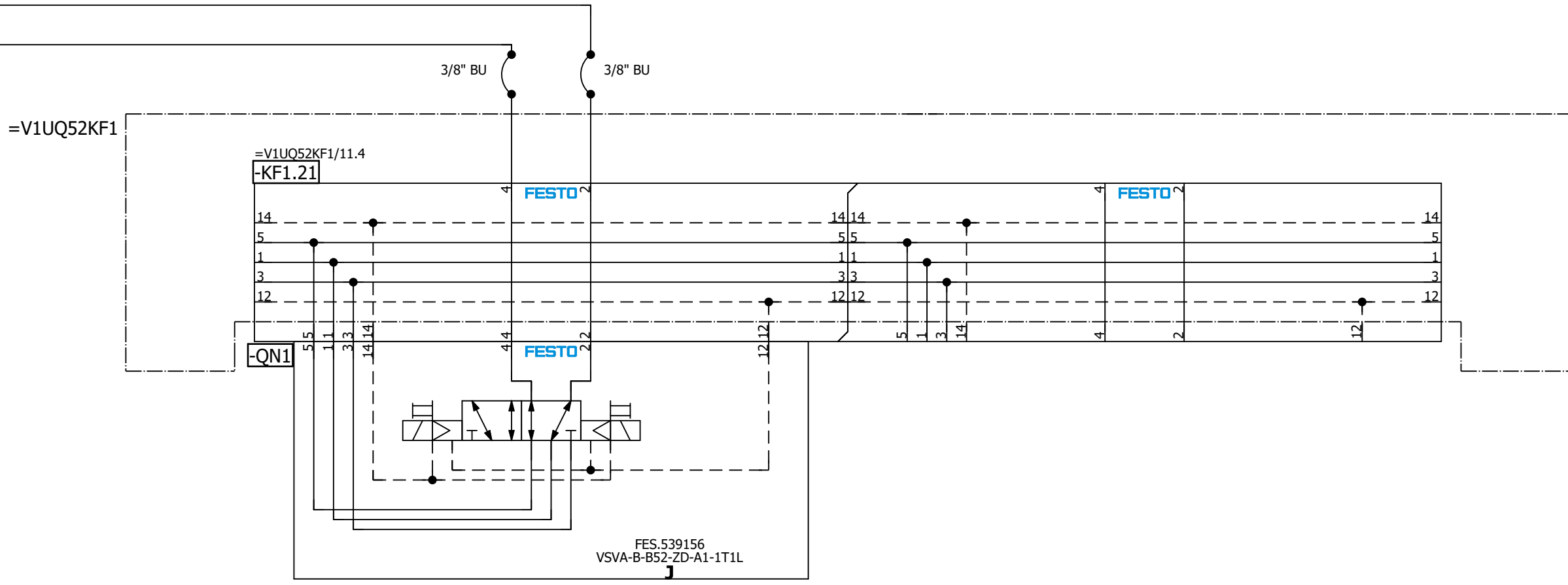
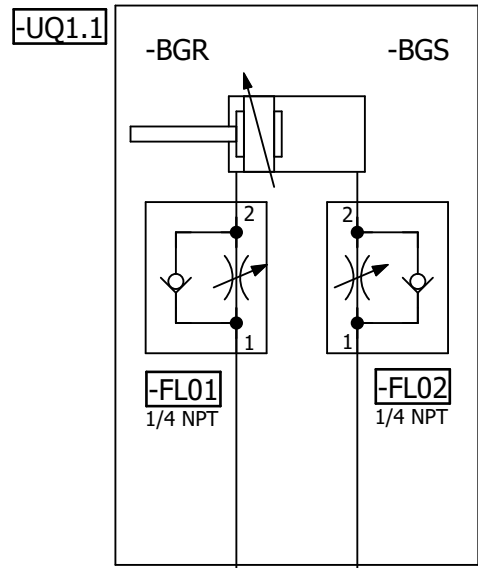
3/8"

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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1UQ52			
Appr.			Replacement of		Scale 1:1	Document type:		MFS	Project nr:	22-16150	Page	11
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Date		1/9/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY	Drawing name:		= V1UQ52KF5			
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&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		404



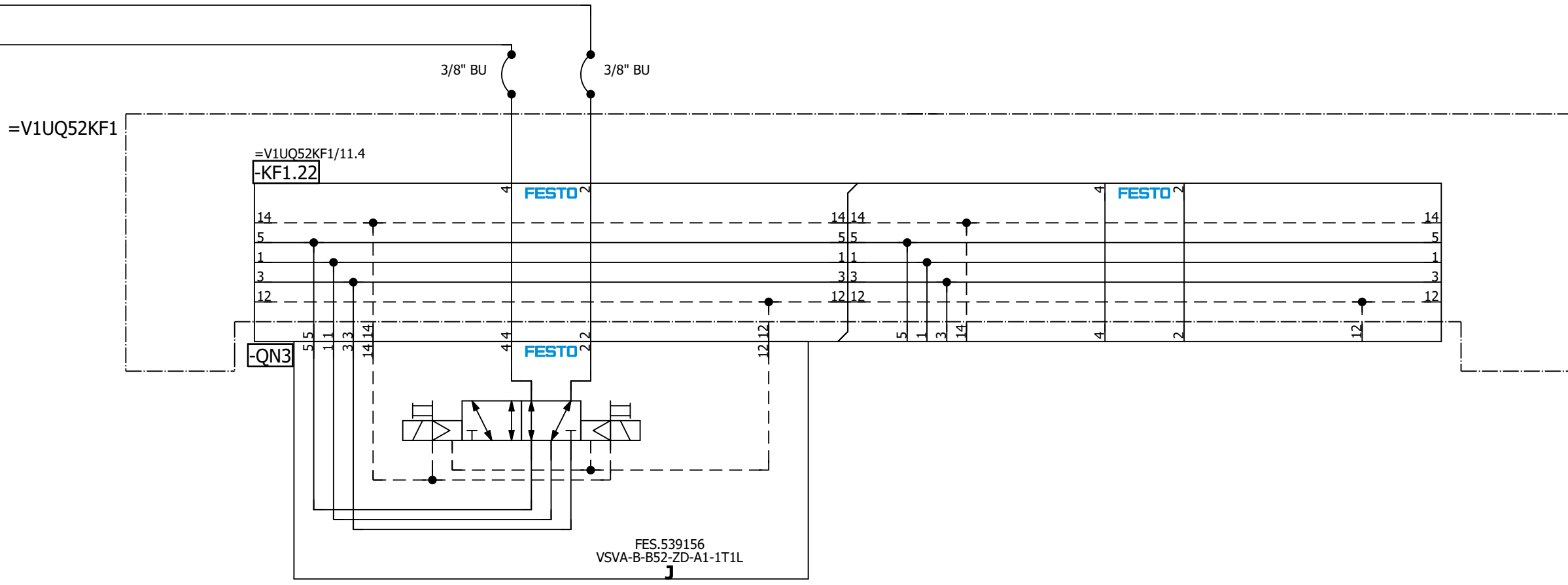
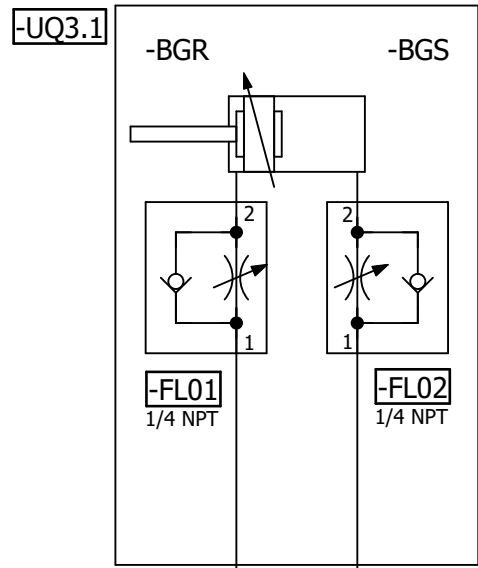
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Shot Pin 1
(RST)

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

=V1UQ52KF5/11

=V1UQ52UQ2/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 1	Drawing name:		= V1UQ52UQ1
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1



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

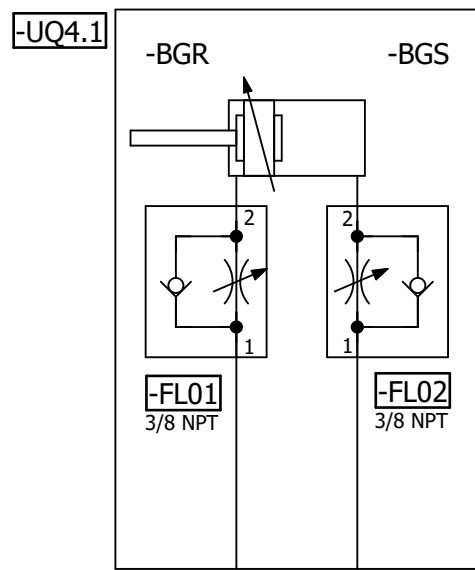
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Shot Pin 3
(SET)

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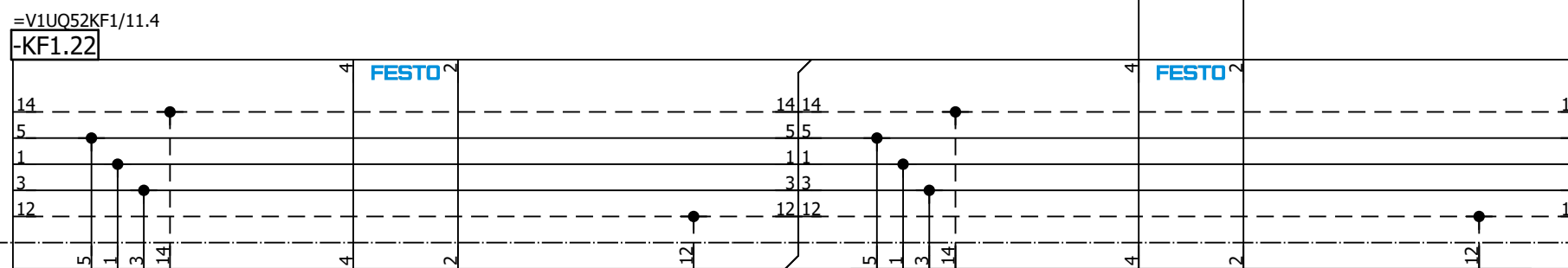
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Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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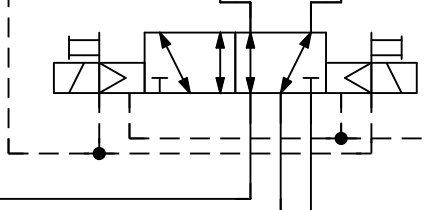


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-QN4

FESTO



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

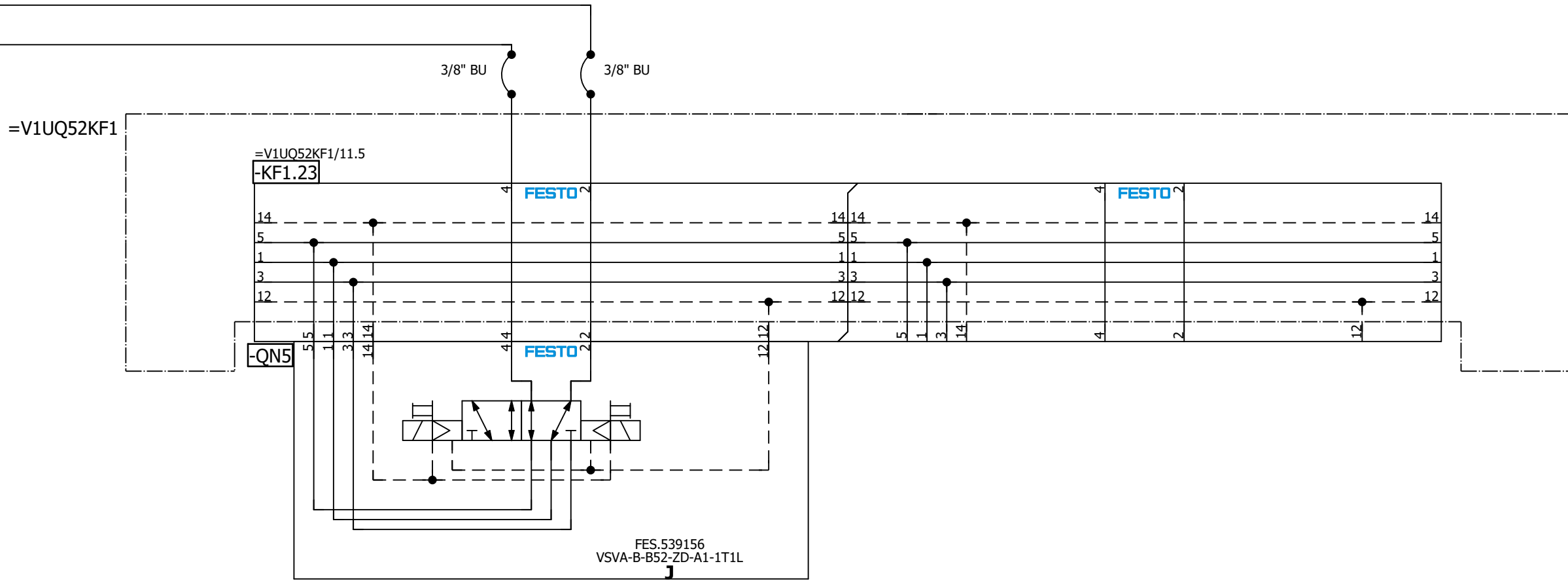
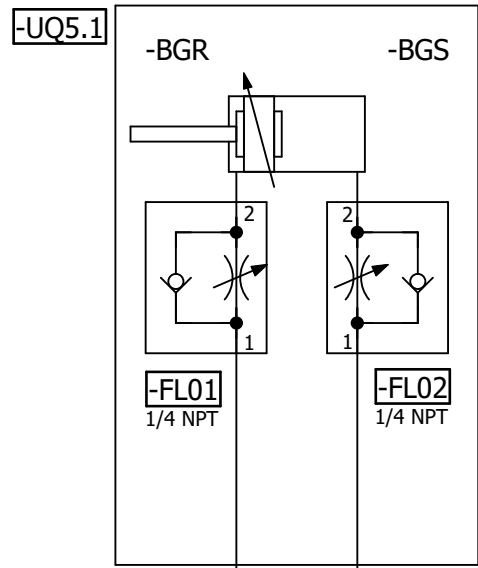
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Shot Pin 4
(RST)

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

=V1UQ52UQ3/1

=V1UQ52UQ5/1

			Date	1/9/2023	Volvo Trucks North America	Valiant TMS	Shot Pin 4	Drawing name:	= V1UQ52UQ4	Page 1
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		=2V09&MFS-PNEU	+ V1UQ52	
Modification	Date	Name	Appr	Original	Replacement of	Replaced by		Document type:	Project nr:	404
								MFS	22-16150	



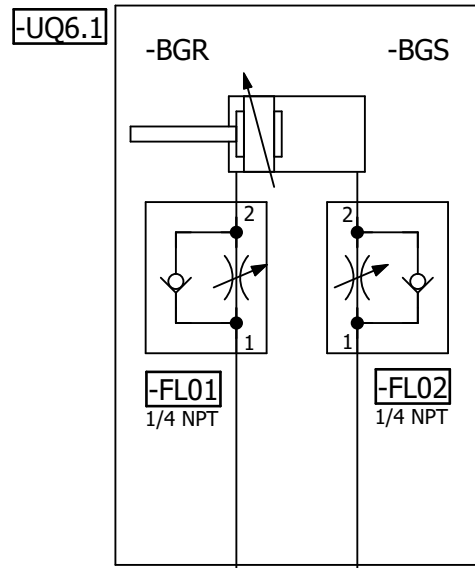
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Shot Pin 5
(RST)

=V1UQ52
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Shot Pin 5
(SET)

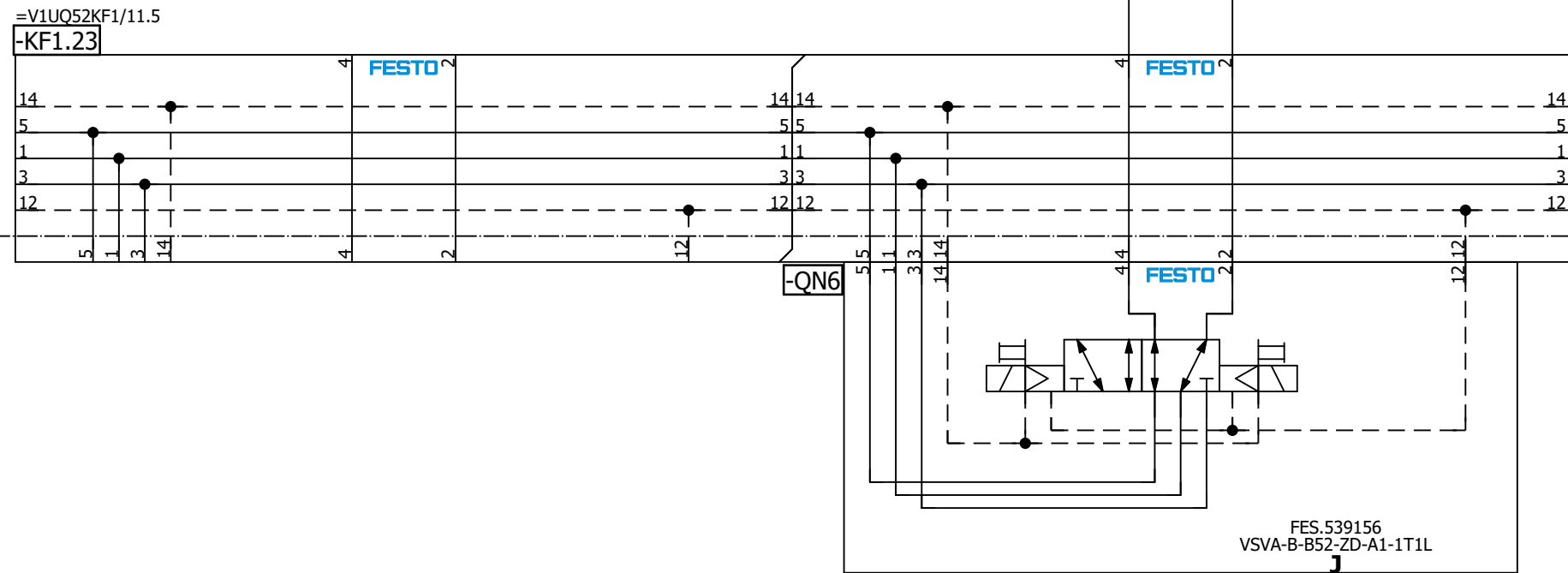
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=V1UQ52UQ6/1

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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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									404



=V1UQ52KF1



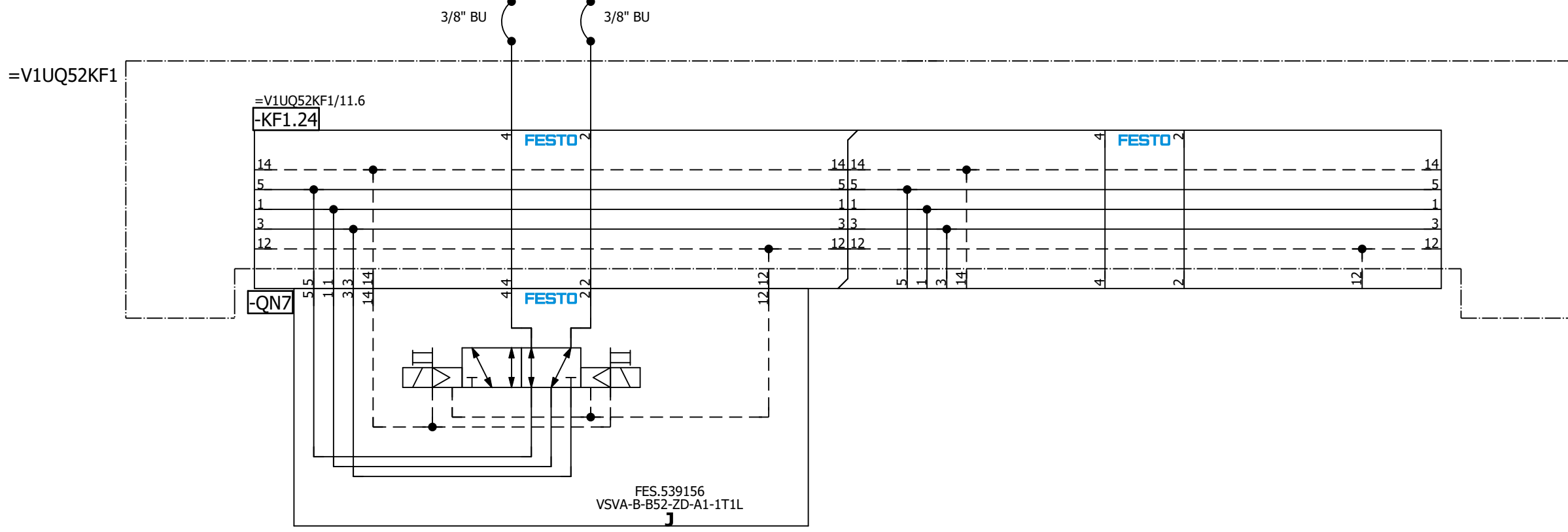
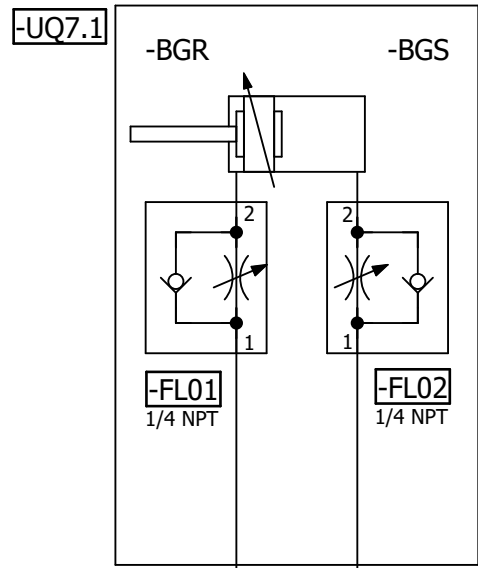
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Shot Pin 6
(RST)

=V1UQ52
-UQ6-QN6.2
Shot Pin 6
(SET)

=V1UQ52UQ7/1

=V1UQ52UQ5/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 6	Drawing name: =2V09&MFS-PNEU	= V1UQ52UQ6 + V1UQ52
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 404



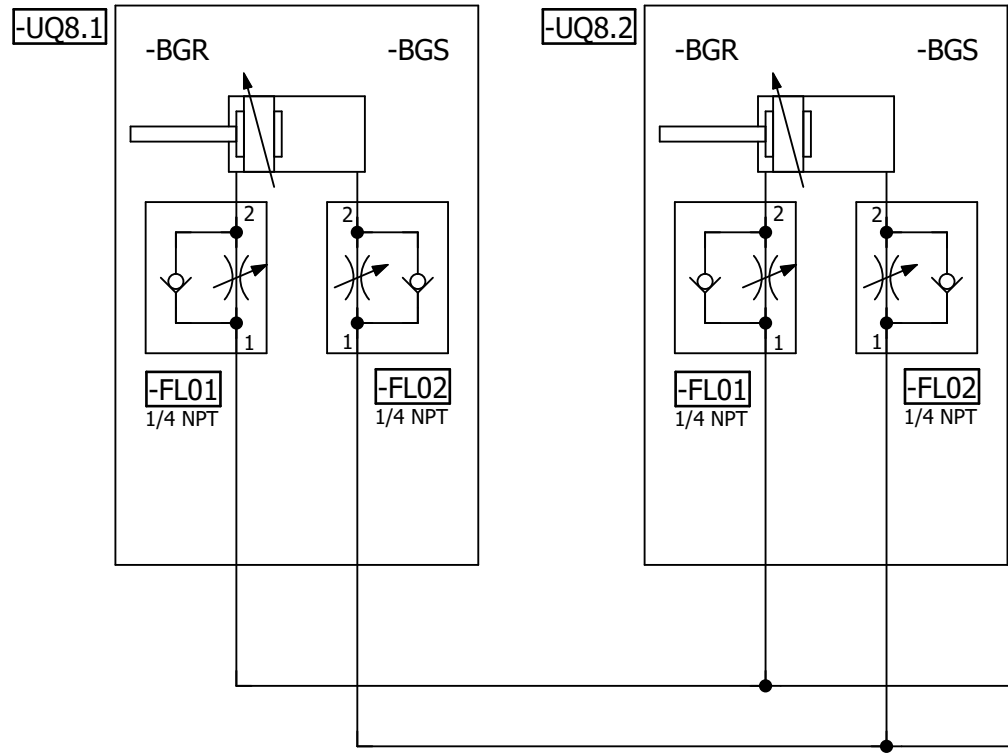
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Shot Pin 7
(RST)

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

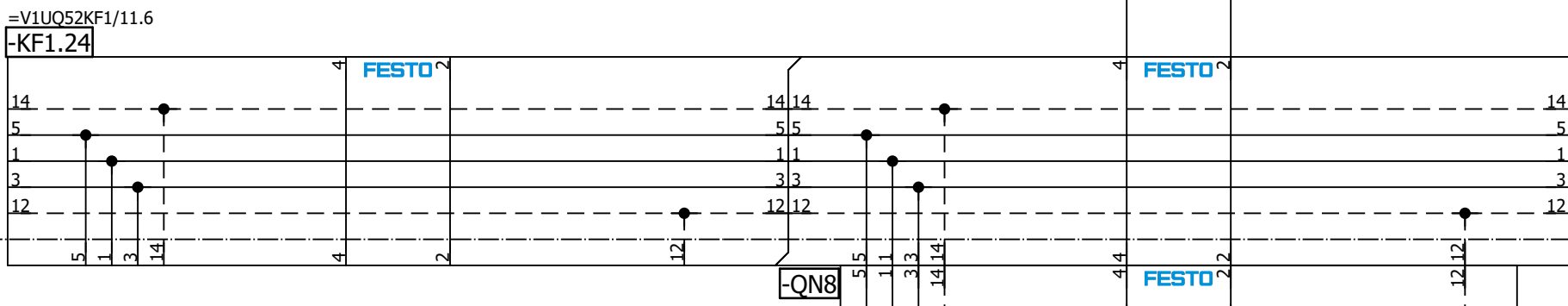
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=V1UQ52UQ8/1

Date		1/9/2023		Volvo Trucks North America		Valiant TMS		Shot Pin 7		Drawing name:		= V1UQ52UQ7		= V1UQ52UQ8/1	
Ed.		MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= 2V09&MFS-PNEU		+ V1UQ52	
Appr				Replacement of		Replaced by				Project nr:		22-16150		Page 1	
Modification		Date		Name		Original				MFS				404	

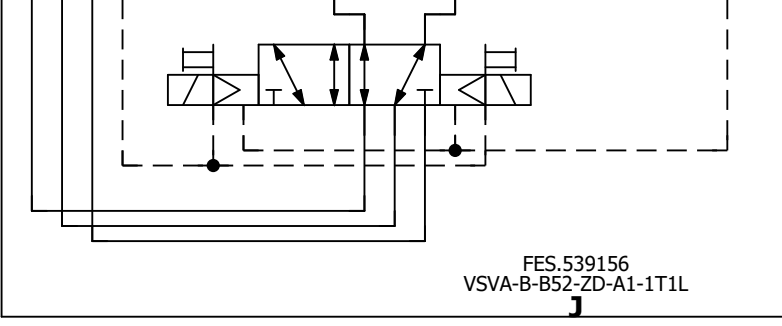


=V1UQ52KF1



-QN8

FESTO



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

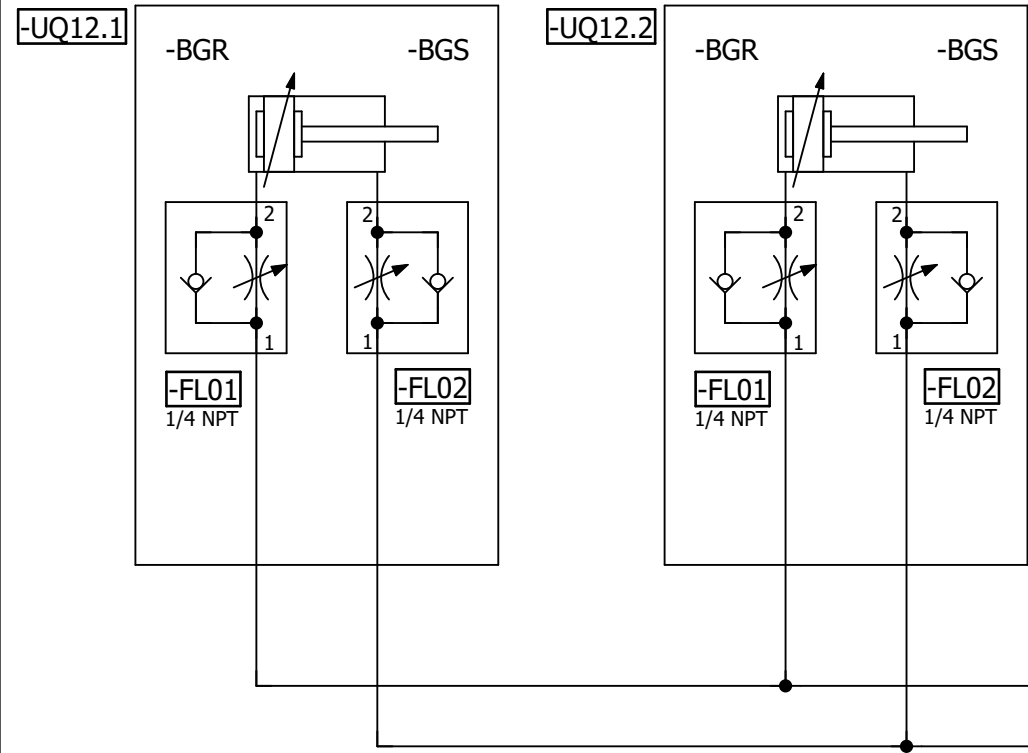
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-UQ8-QN8.2
Shot Pins 8
(SET)

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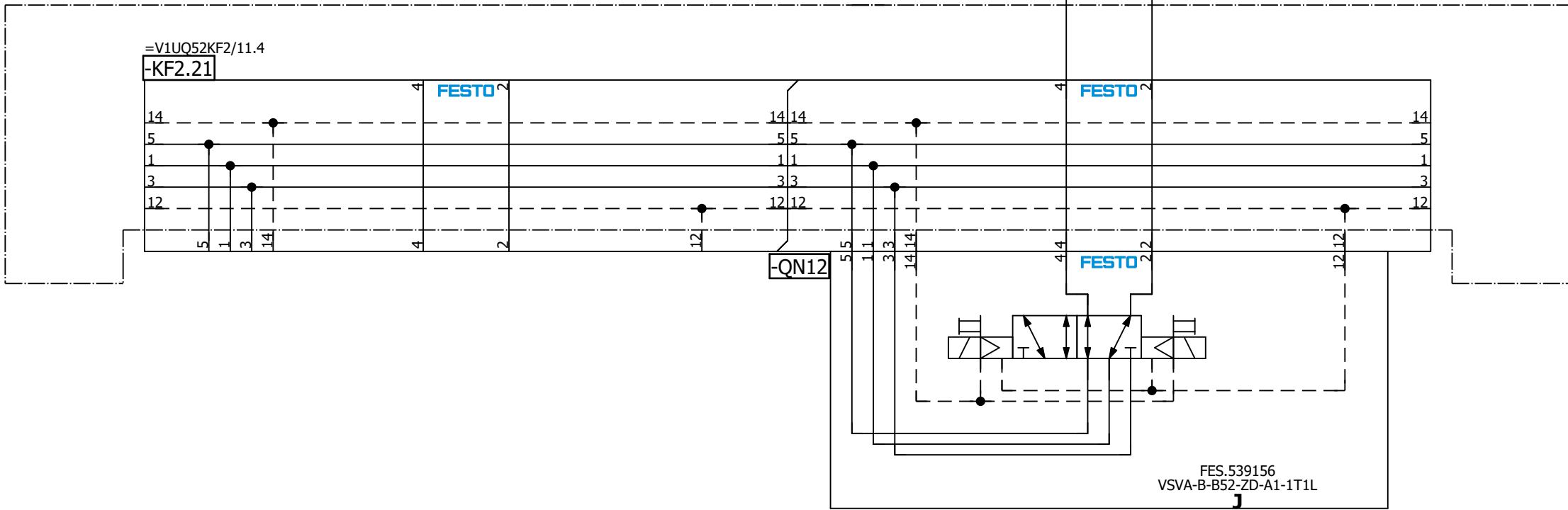
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Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pins 8	Drawing name:		= V1UQ52UQ8
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:		Project nr:
Original			Replaced by				MFS		22-16150
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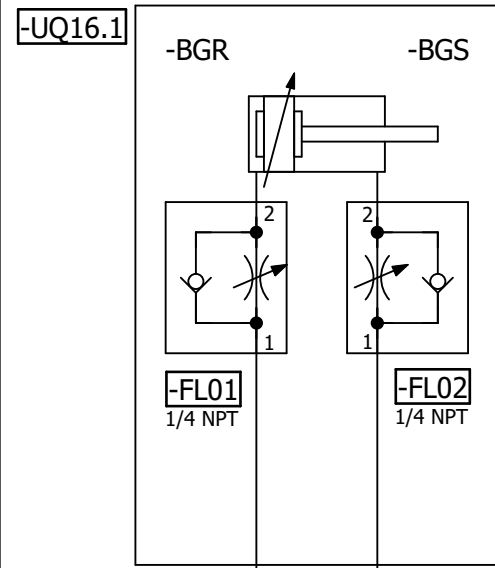
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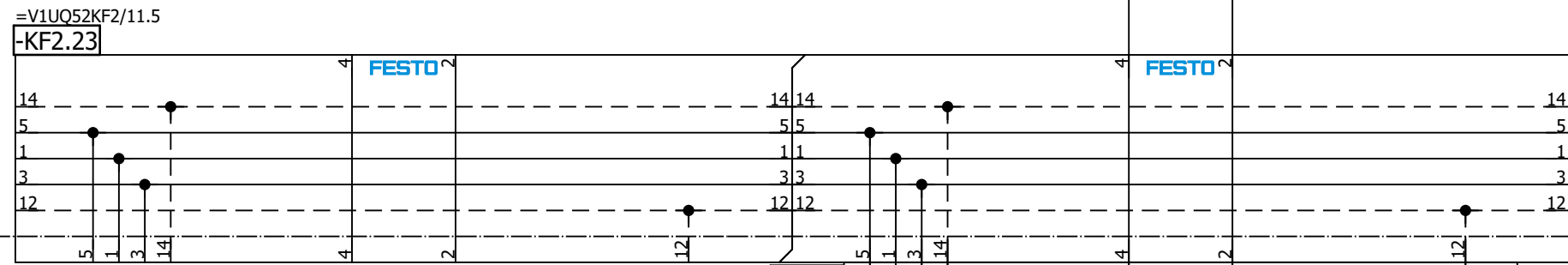
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-UQ12-QN12.1
Clamps 12
(RST)

=V1UQ52
-UQ12-QN12.2
Clamps 12
(SET)

=V1UQ52UQ13/1



=V1UQ52KF2



3/8" BU

3/8" BU

=V1UQ52
-UQ16-QN16.1
Clamp 16
(RST)

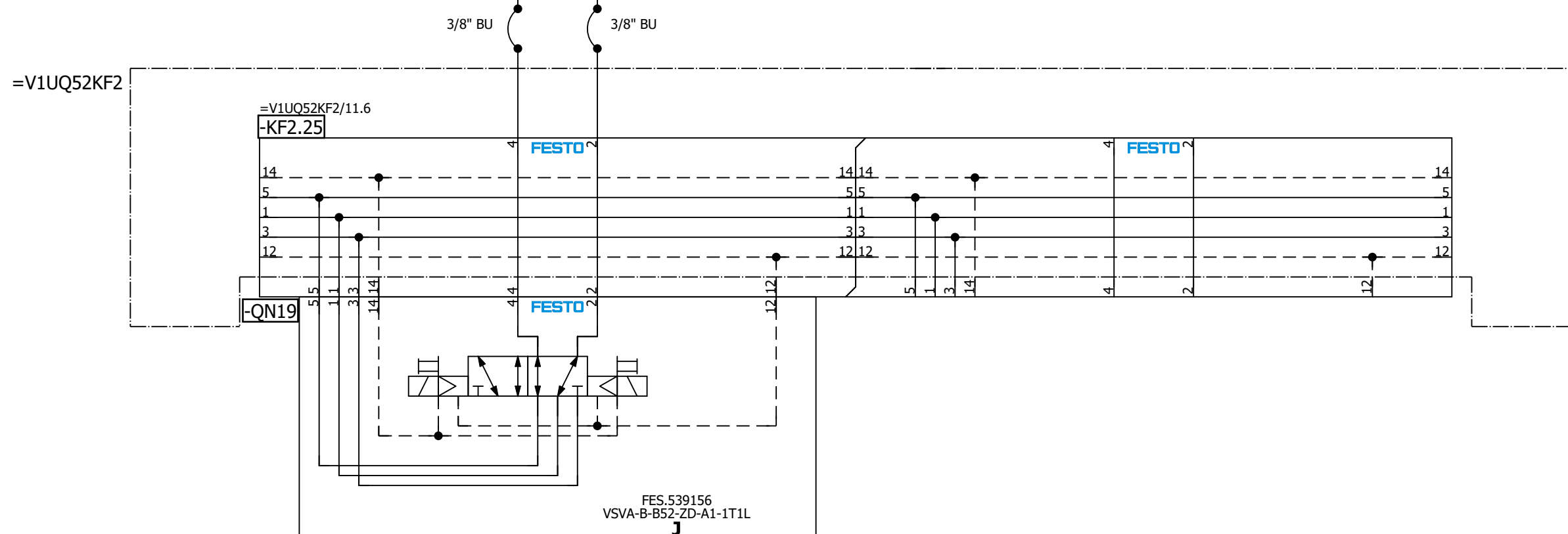
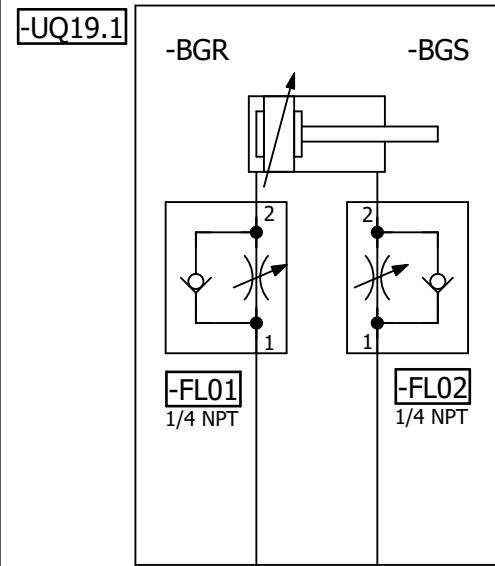
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-UQ16-QN16.2
Clamp 16
(SET)

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

=V1UQ52UQ15/1

=V1UQ52UQ17/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 16	Drawing name: =2V09&MFS-PNEU	= V1UQ52UQ16 + V1UQ52
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 404



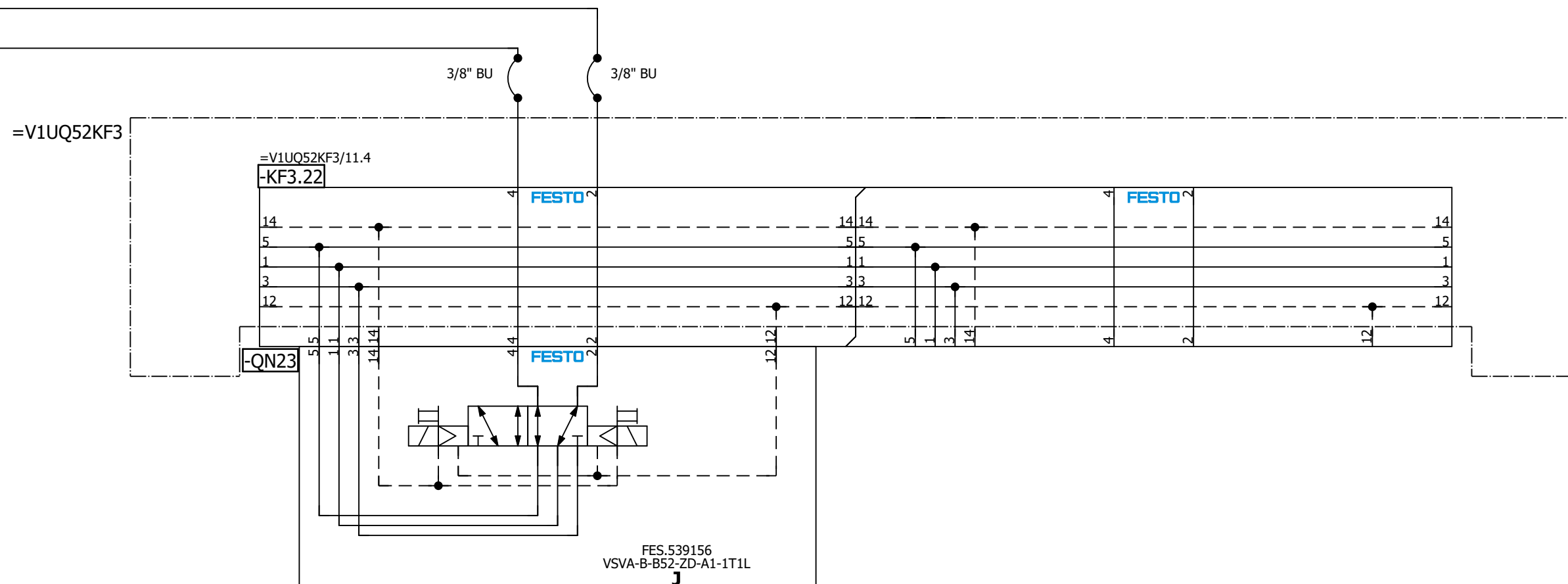
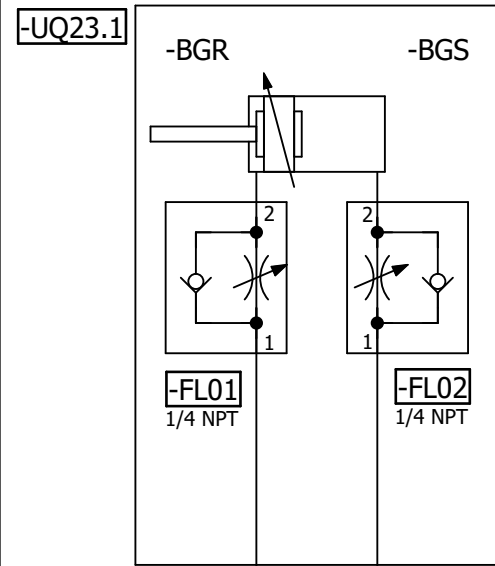
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-UQ19-QN19.1
Clamp 19
(RST)

=V1UQ52
-UQ19-QN19.2
Clamp 19
(SET)

=V1UQ52UQ18/1

=V1UQ52UQ20/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 19	Drawing name:		= V1UQ52UQ19
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&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
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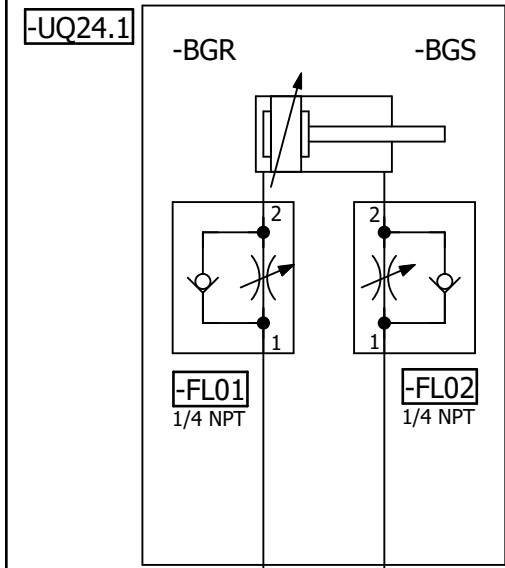
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Shot Pin 23
(RST)

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-UQ23-QN23.2
Shot Pin 23
(SET)

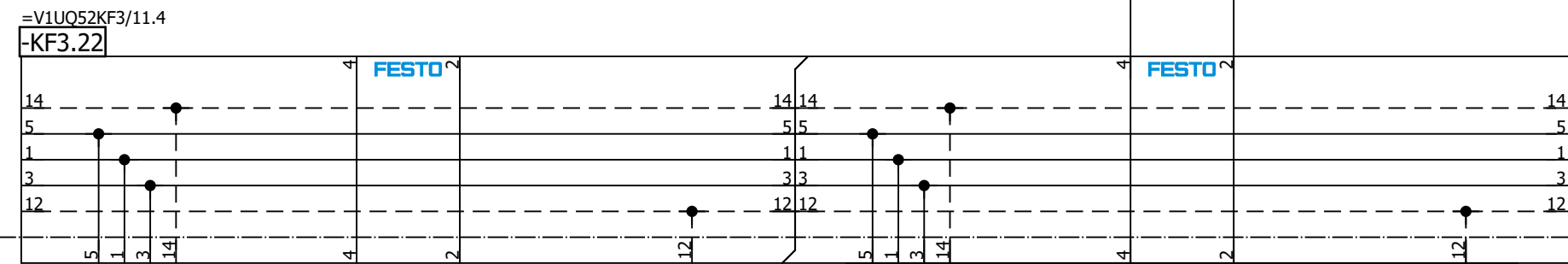
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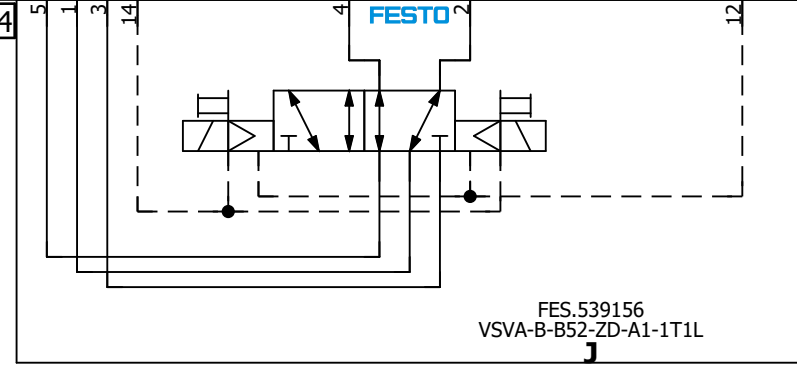
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	MFS	Project nr:	22-16150
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=V1UQ52KF3



3/8" BU 3/8" BU



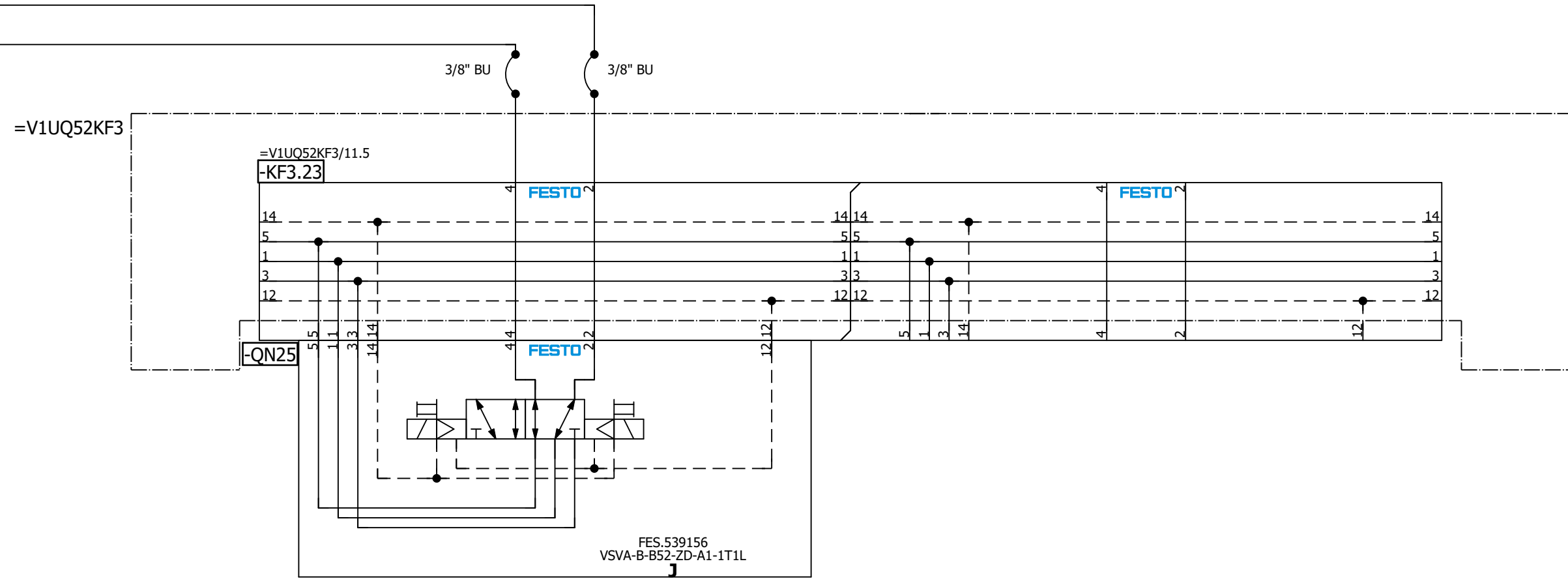
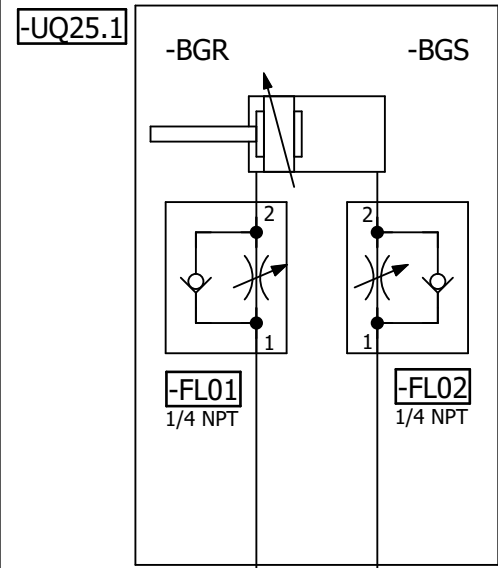
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-UQ24-QN24.1
Clamp 24
(RST)

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

=V1UQ52UQ25/1

=V1UQ52UQ23/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 24	Drawing name: =2V09&MFS-PNEU	= V1UQ52UQ24 + V1UQ52
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 404



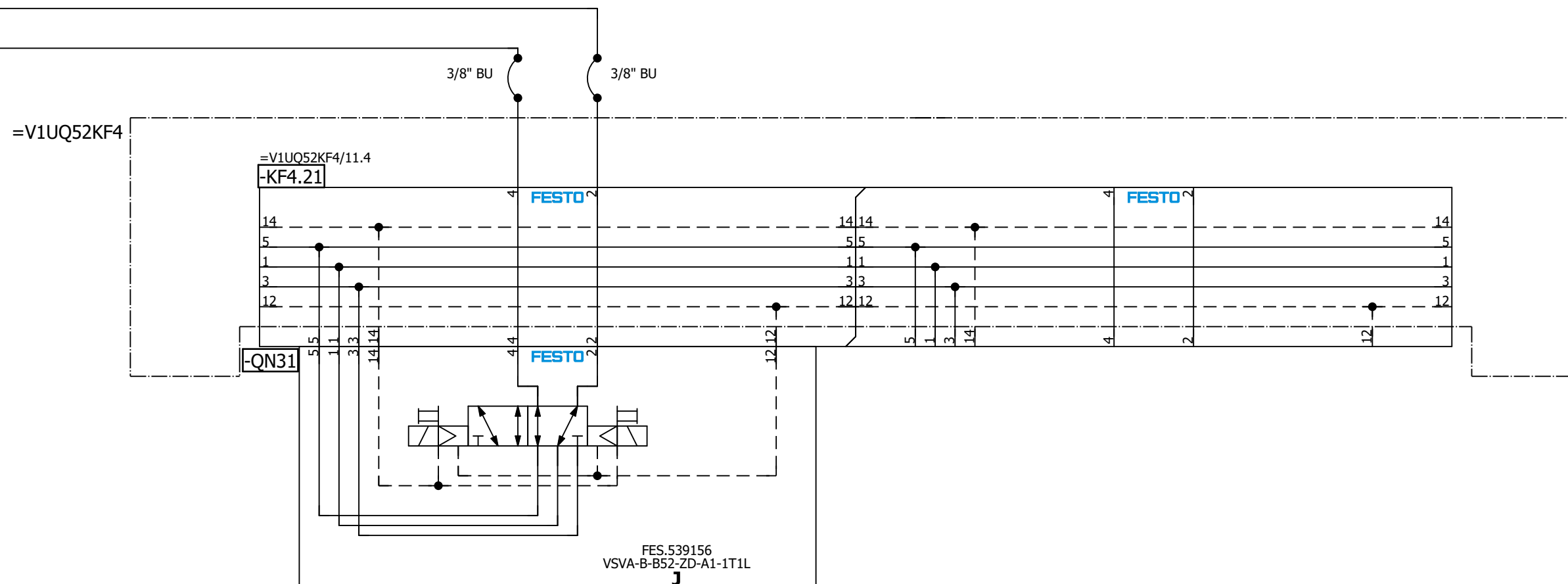
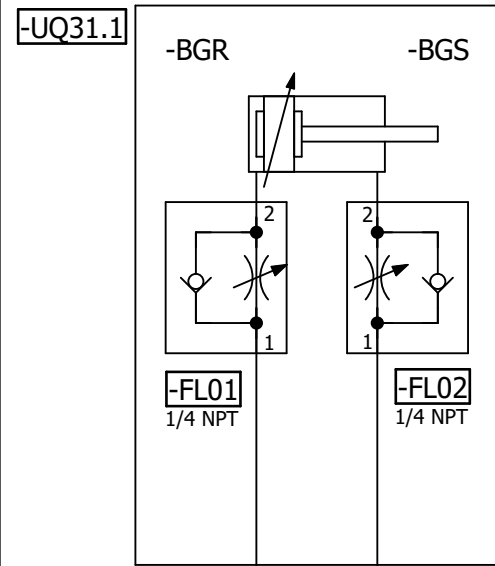
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Slide 25
(RST)

=V1UQ52
-UQ25-QN25.2
Slide 25
(SET)

=V1UQ52UQ24/1

=V1UQ52UQ26/1

Date		1/9/2023		Volvo Trucks North America		Valiant TMS		Slide 25		Drawing name:		= V1UQ52UQ25	
Ed.		MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= 2V09&MFS-PNEU	
Appr				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
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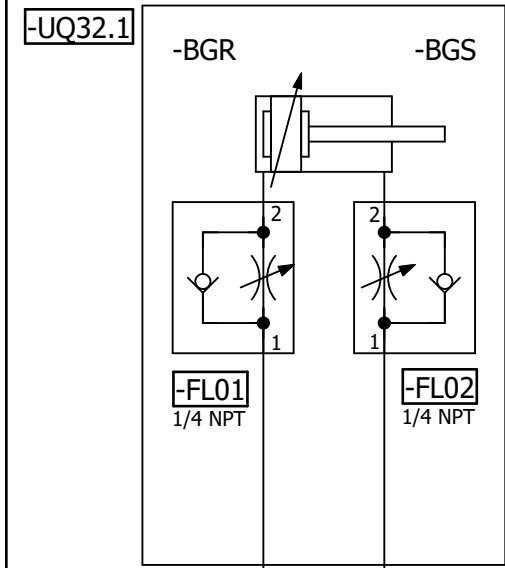
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Clamp 31
(RST)

=V1UQ52
-UQ31-QN31.2
Clamp 31
(SET)

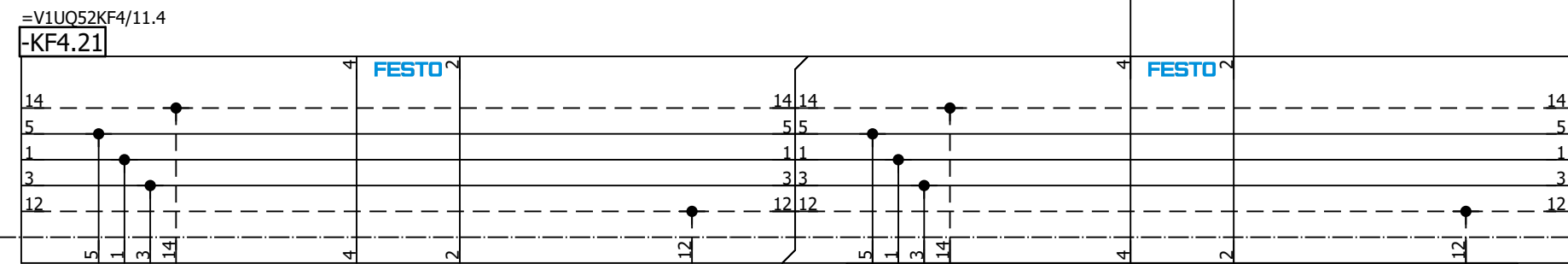
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=V1UQ52UQ32/1

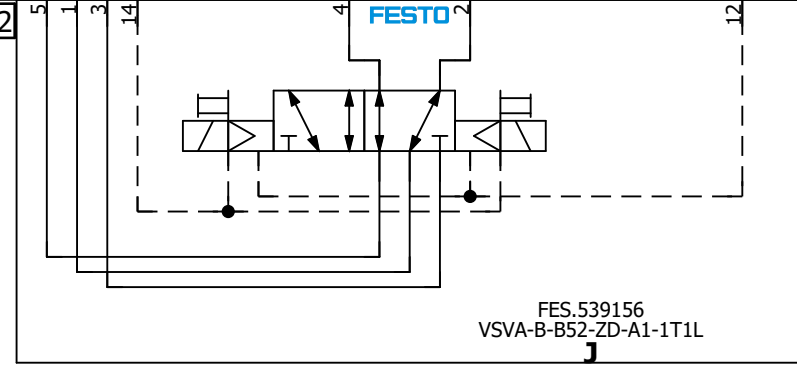
Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 31	Drawing name:		= V1UQ52UQ31
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1UQ52
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
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3/8" BU 3/8" BU



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VSVA-B-B52-ZD-A1-1T1L

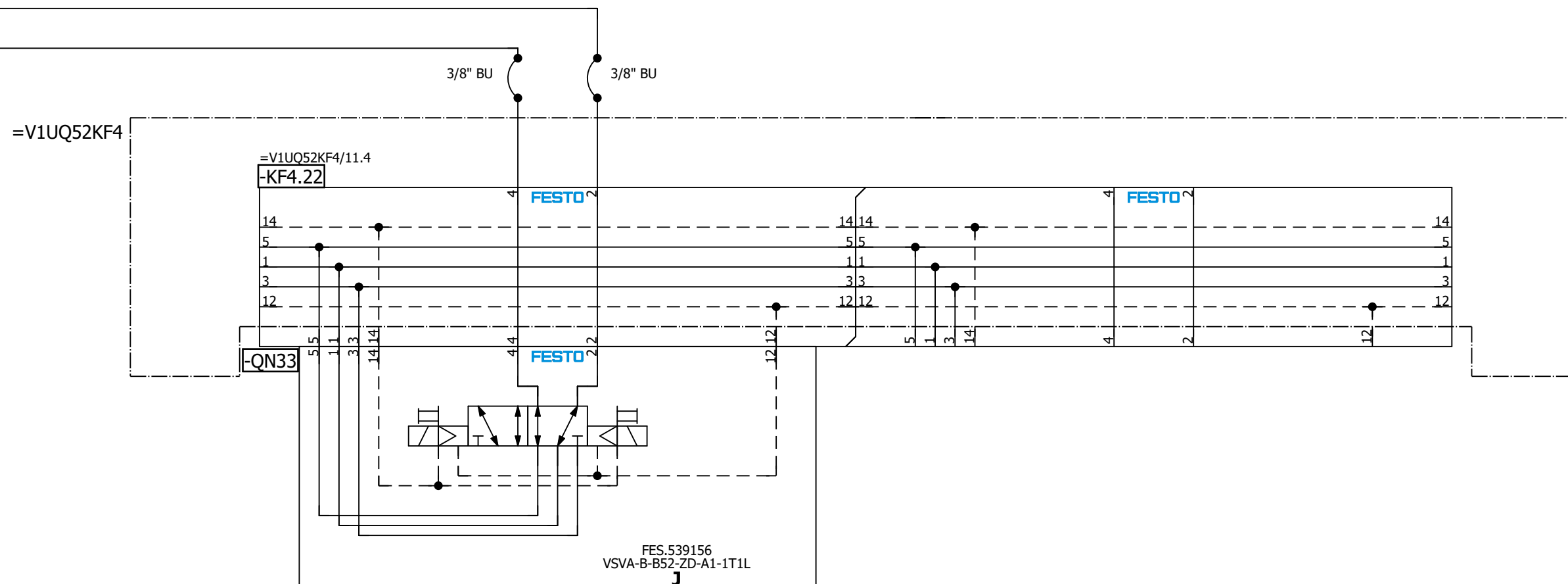
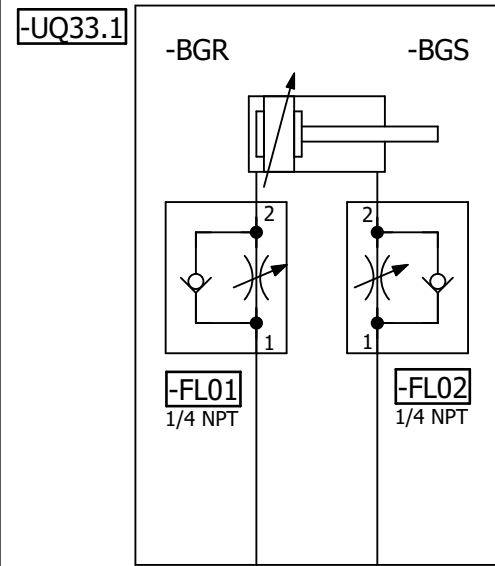
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Clamp 32
(RST)

=V1UQ52
-UQ32-QN32.2
Clamp 32
(SET)

=V1UQ52UQ31/1

=V1UQ52UQ33/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 32	Drawing name: =2V09&MFS-PNEU	= V1UQ52UQ32 + V1UQ52
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1
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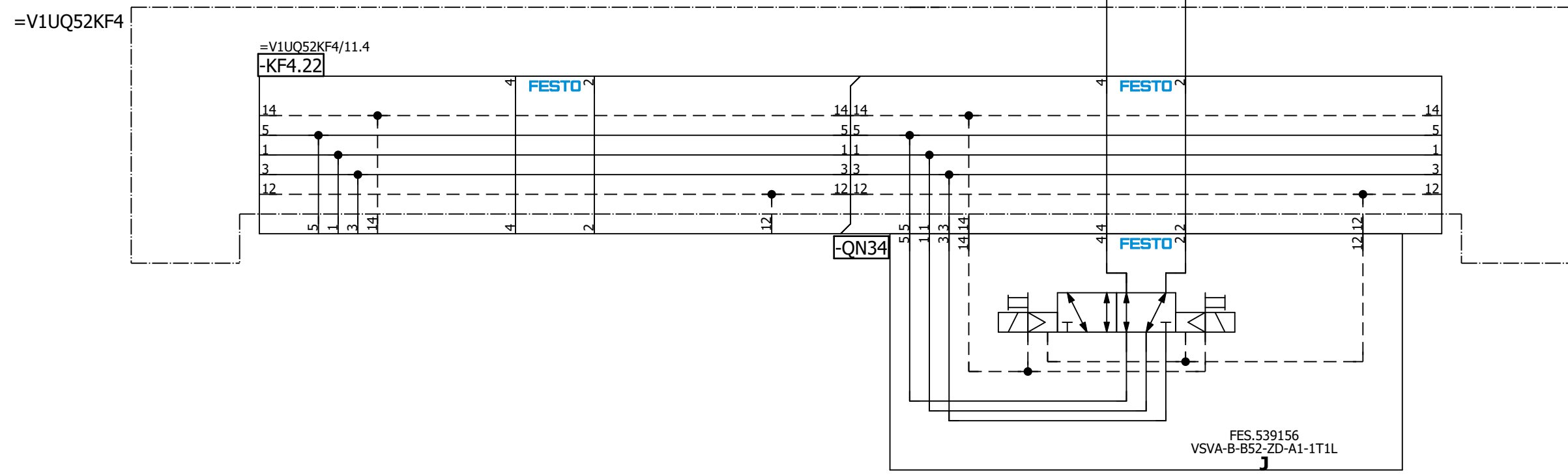
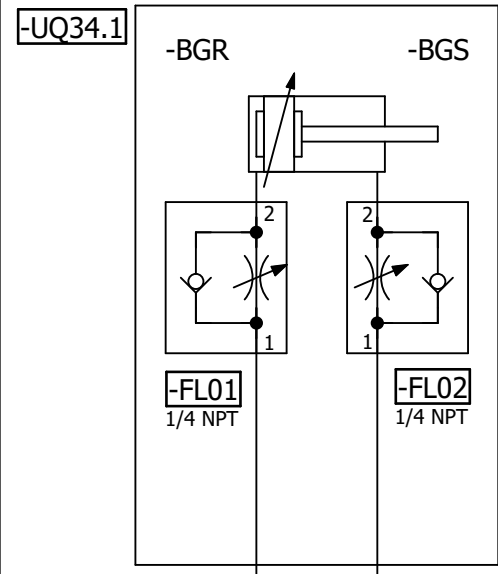
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-UQ33-QN33.1
Clamp 33
(RST)

=V1UQ52
-UQ33-QN33.2
Clamp 33
(SET)

=V1UQ52UQ32/1

=V1UQ52UQ34/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 33	Drawing name:		= V1UQ52UQ33
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&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
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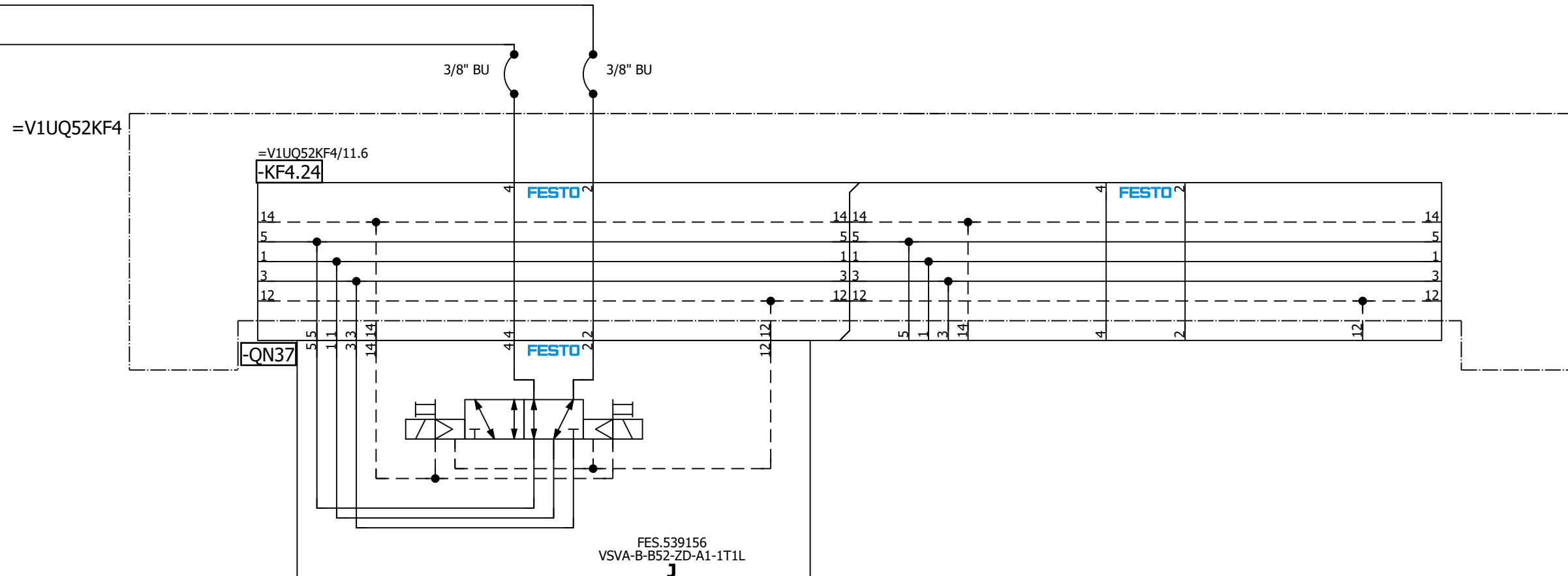
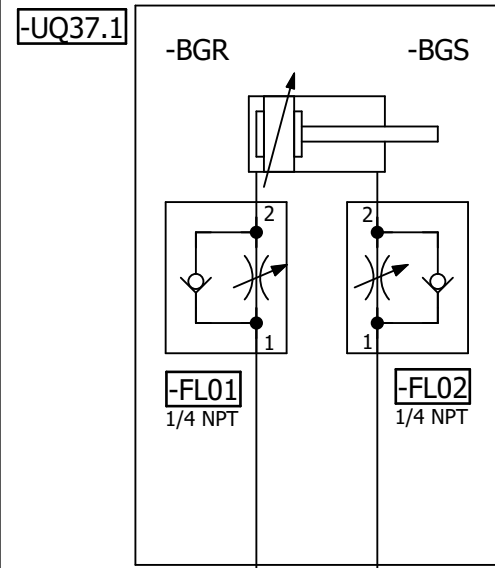
=V1UQ52
-UQ34-QN34.1
Clamp 34
(RST)

=V1UQ52
-UQ34-QN34.2
Clamp 34
(SET)

=V1UQ52UQ33/1

=V1UQ52UQ35/1

			Date	1/9/2023	Volvo Trucks North America	Valiant TMS		Clamp 34		Drawing name: =2V09&MFS-PNEU		= V1UQ52UQ34 + V1UQ52	
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:	Project nr:	Page
			Appr.		Replacement of	Replaced by					MFS	22-16150	1
Modification	Date	Name	Original										404



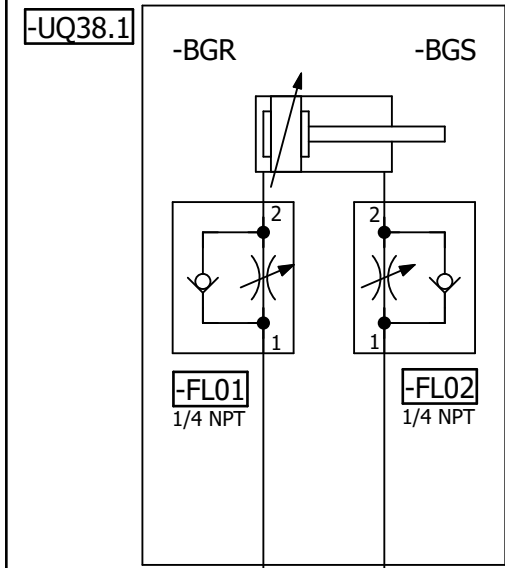
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-UQ37-QN37.1
Clamp 37
(RST)

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

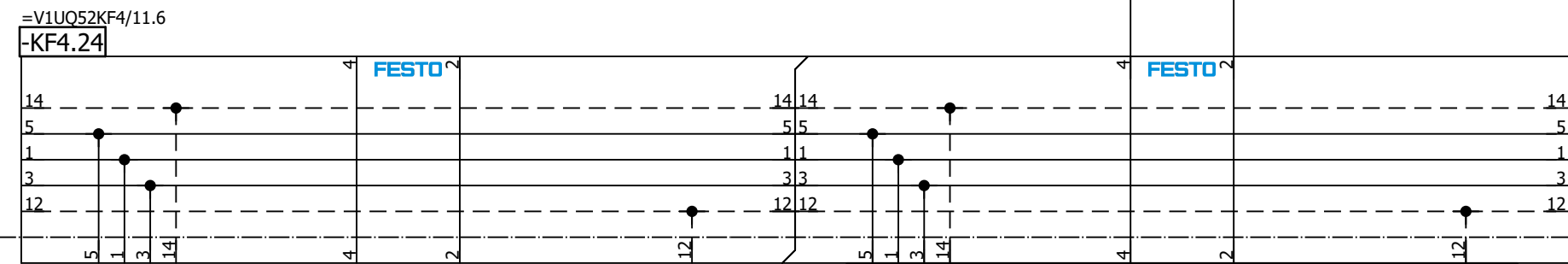
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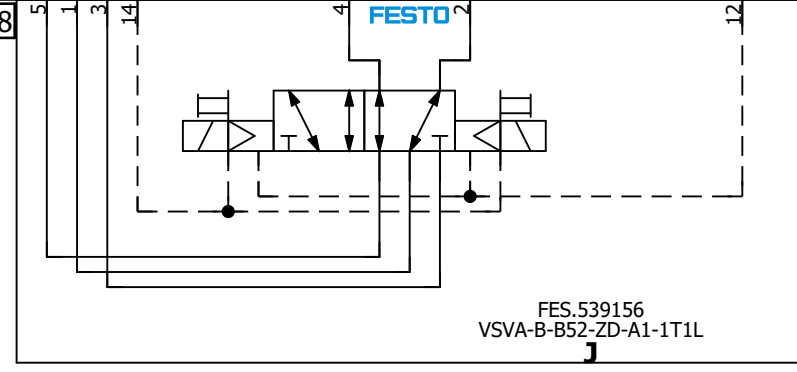
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU	+ V1UQ52	
Modification	Date	Name	Appr	Original	Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
									MFS	22-16150	1
											404



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3/8" BU 3/8" BU



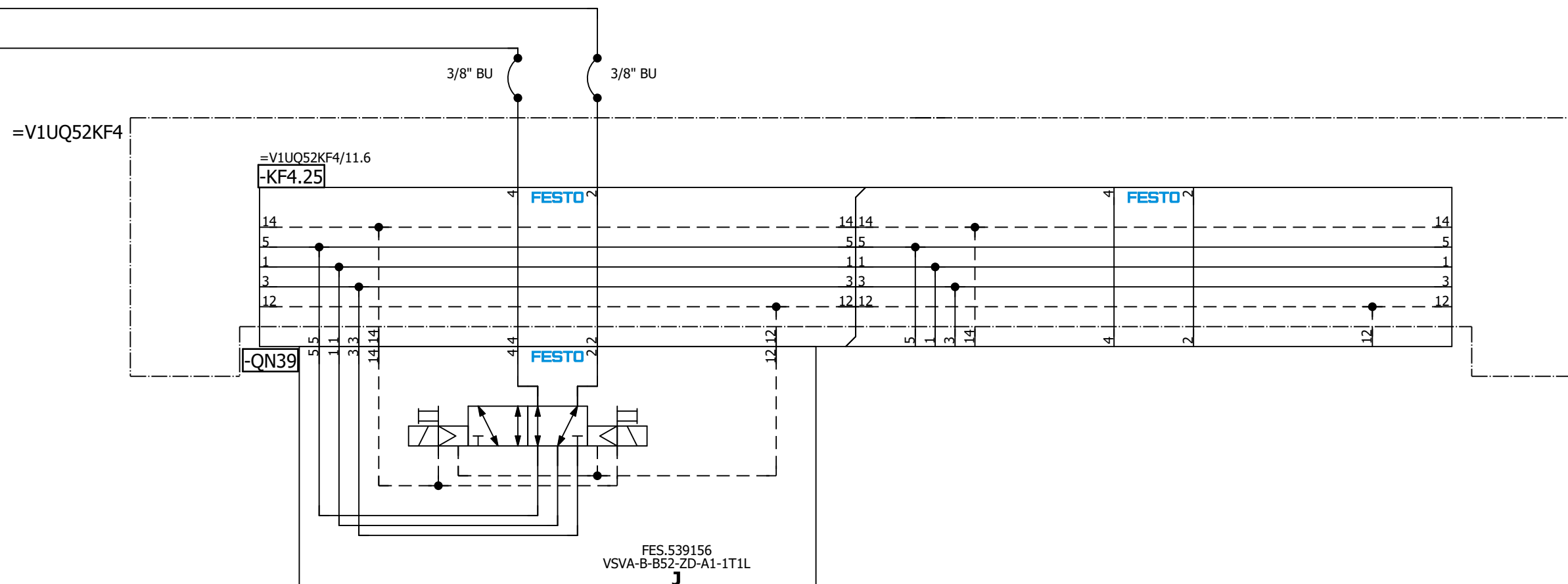
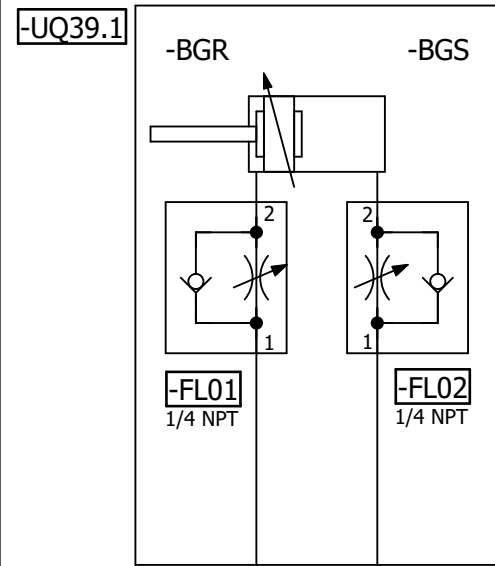
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Clamp 38
(RST)

=V1UQ52
-UQ38-QN38.2
Clamp 38
(SET)

=V1UQ52UQ37/1

=V1UQ52UQ39/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 38	Drawing name: =2V09&MFS-PNEU	= V1UQ52UQ38 + V1UQ52
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
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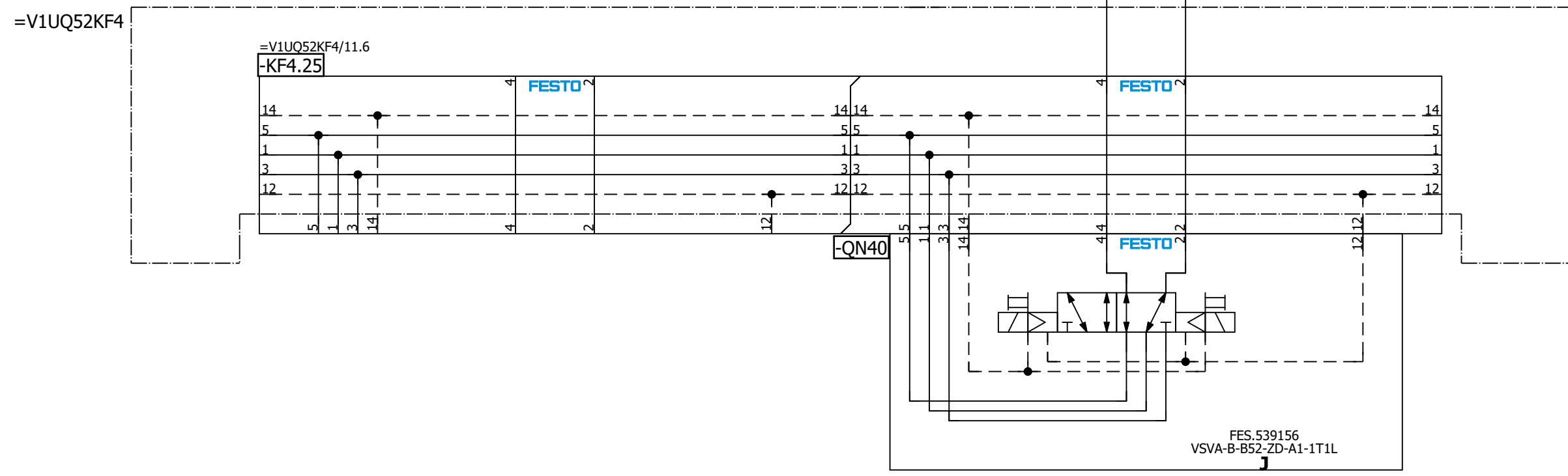
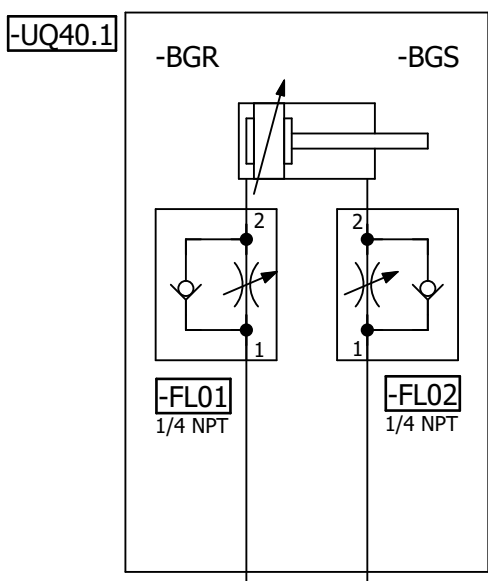
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-UQ39-QN39.1
Shot Pin 39
(RST)

=V1UQ52
-UQ39-QN39.2
Shot Pin 39
(SET)

=V1UQ52UQ38/1

=V1UQ52UQ40/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS		Shot Pin 39		Drawing name:		= V1UQ52UQ39	
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= 2V09&MFS-PNEU	
Appr.			Replacement of		Replaced by				Project nr:		22-16150	
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Modification		Date	Name		Original				MFS		404	



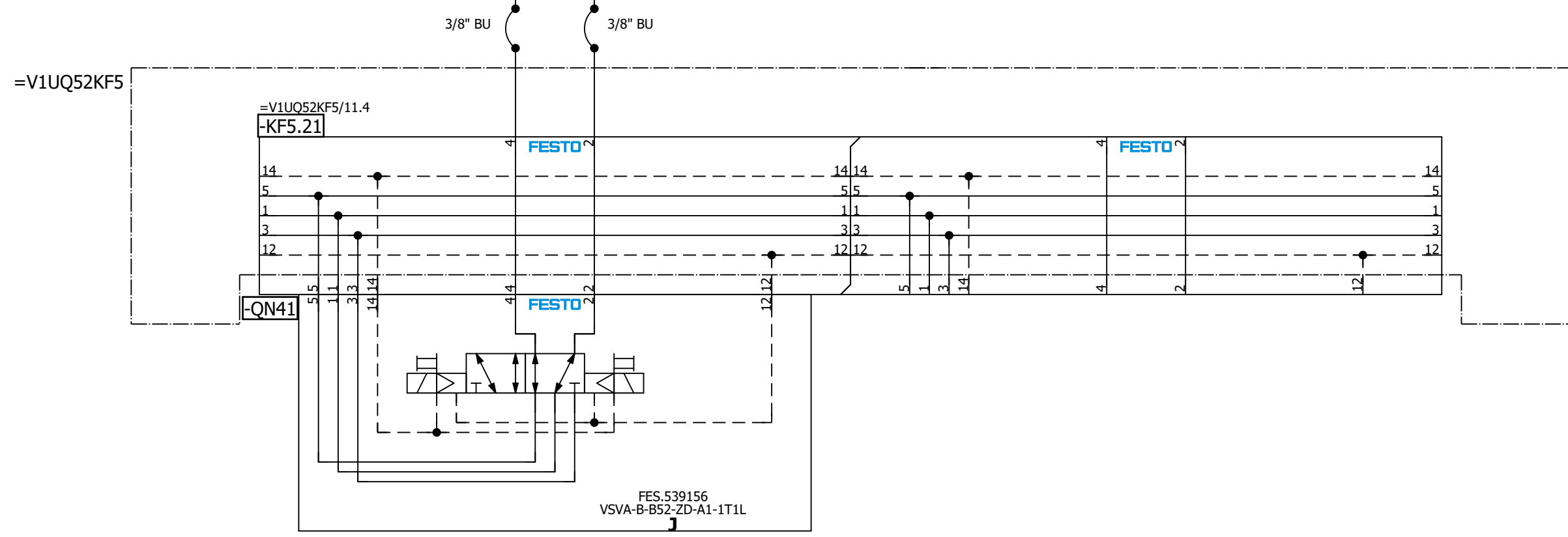
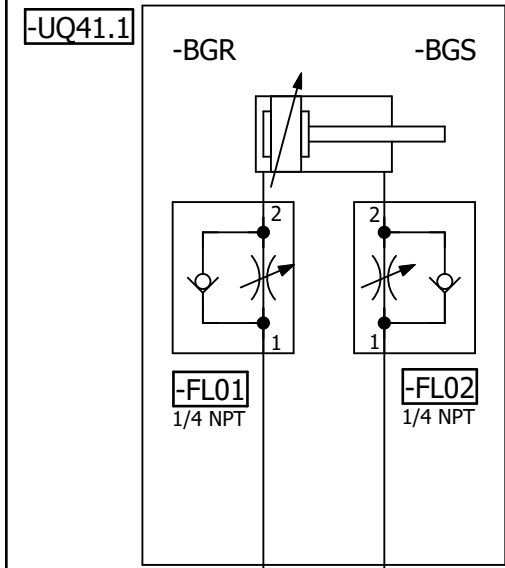
=V1UQ52
-UQ40-QN40.1
Clamp 40
(RST)

=V1UQ52
-UQ40-QN40.2
Clamp 40
(SET)

=V1UQ52UQ39/1

=V1UQ52UQ41/1

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							Document type: MFS		404
				Volvo Trucks North America		Valiant TMS	Clamp 40		
				P6700 Bodyside LH - Robot Cell 2V09			= V1UQ52UQ40 + V1UQ52		
							FES.539156 VSVA-B-B52-ZD-A1-1T1L		



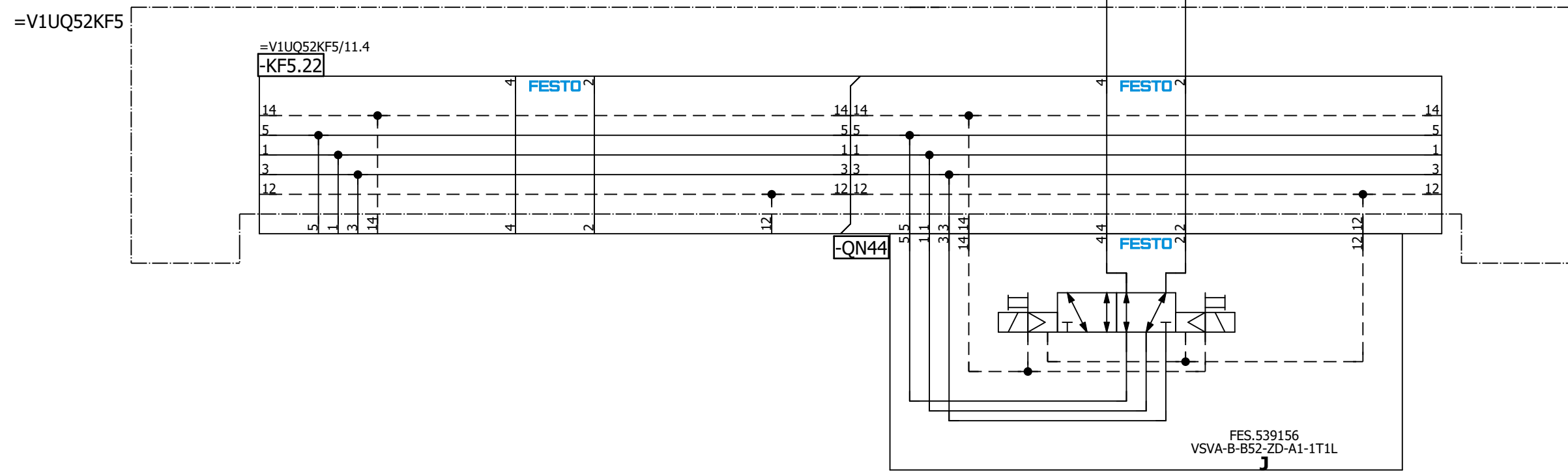
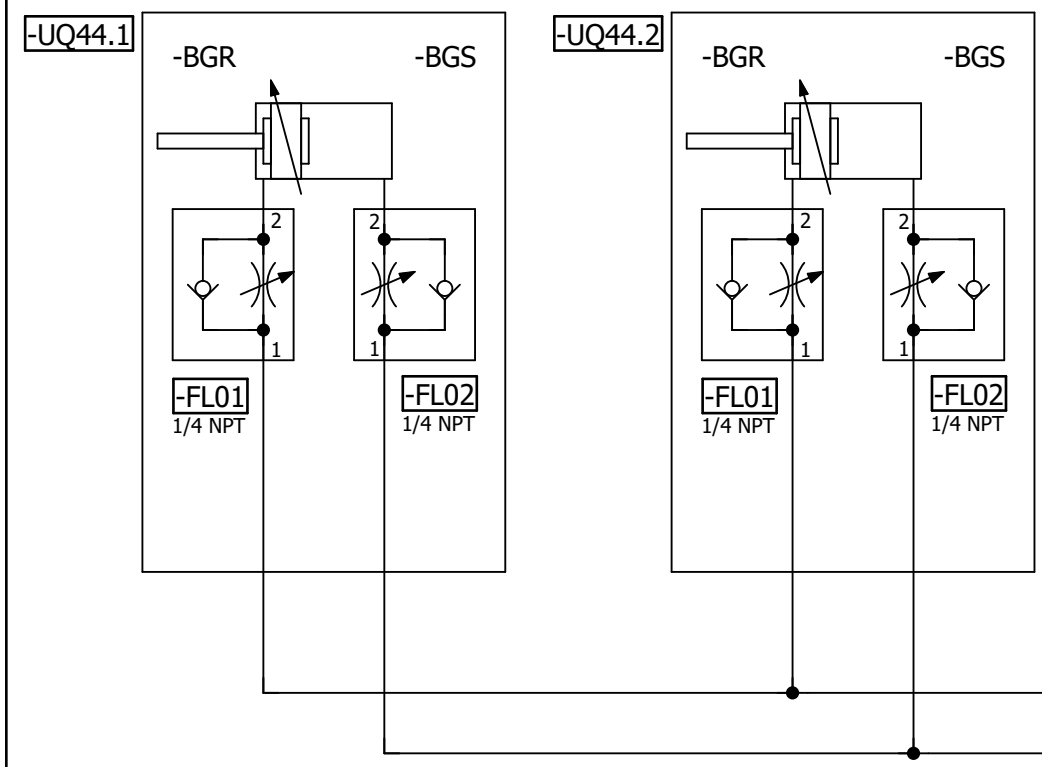
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-UQ41-QN41.1
Clamp 41
(RST)

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

=V1UQ52UQ40/1

=V1UQ52UQ42/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Clamp 41	Drawing name:	= V1UQ52UQ41	
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU	+ V1UQ52	
			Appr		Replacement of	Replaced by	Scale 1:1		Document type:	Project nr:	Page
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=V1UQ52
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Shot Pins 44
(RST)

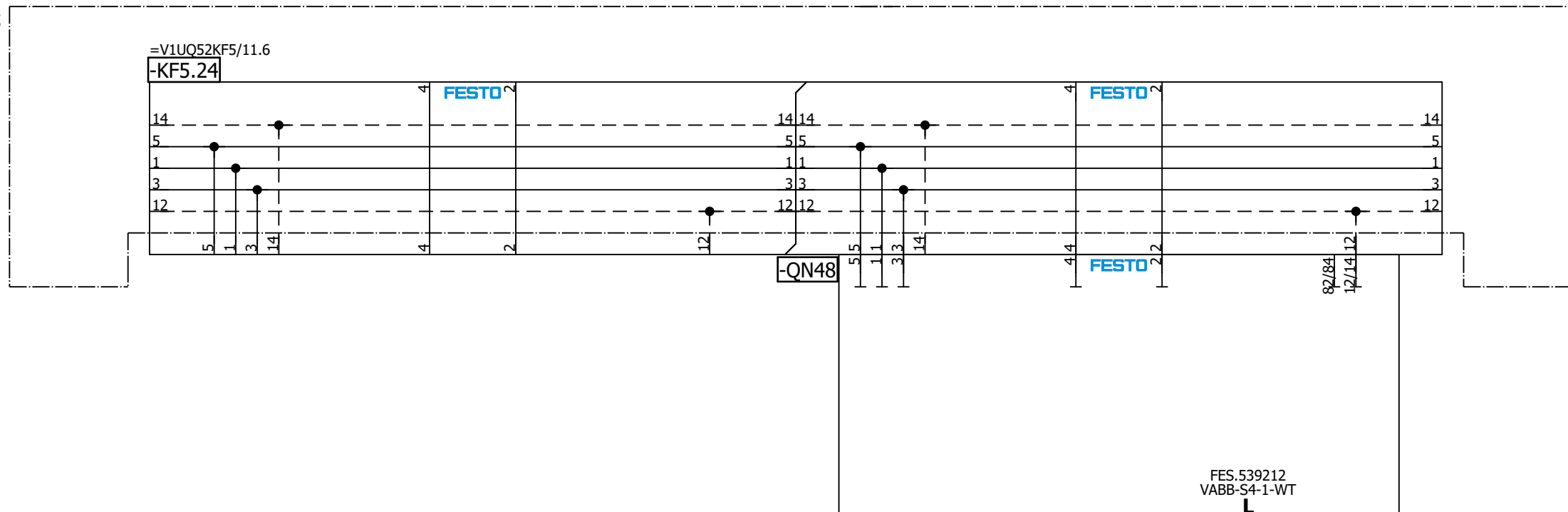
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Shot Pins 44
(SET)

=V1UQ52UQ43/1

=V1UQ52UQ45/1

			Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pins 44	Drawing name: =2V09&MFS-PNEU	= V1UQ52UQ44 + V1UQ52
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 404

=V1UQ52KF5

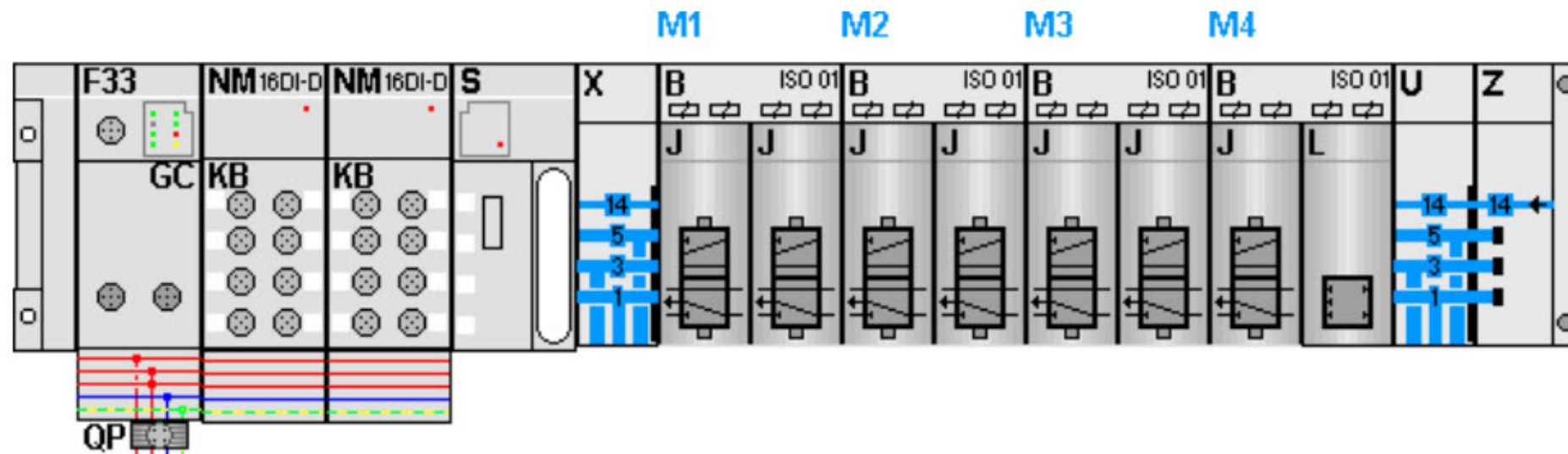


=V1UQ52UQ47/1

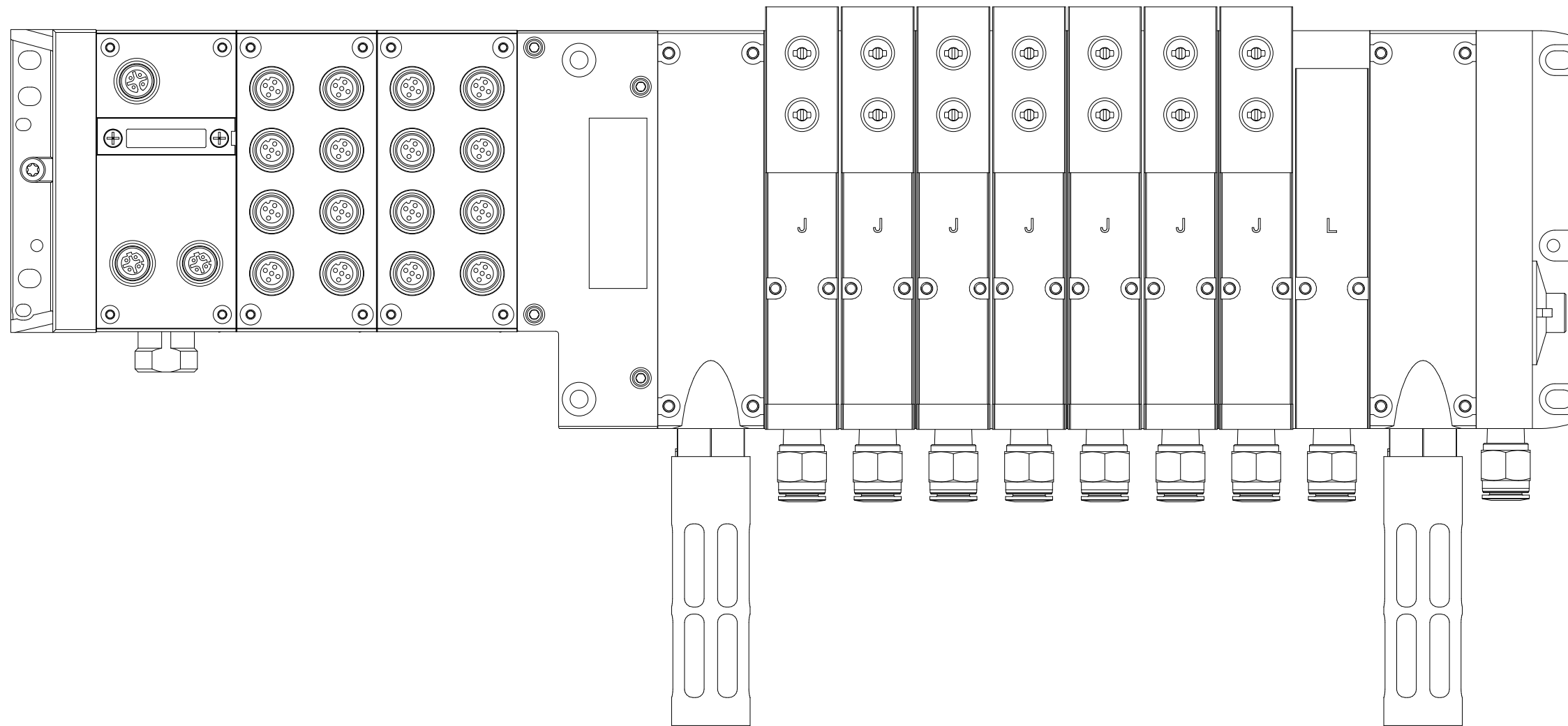
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		Appr		Replacement of	Replaced by	Scale 1:1	Document type:	Project nr:	Page
Modification	Date	Name	Original				MFS	22-16150	1
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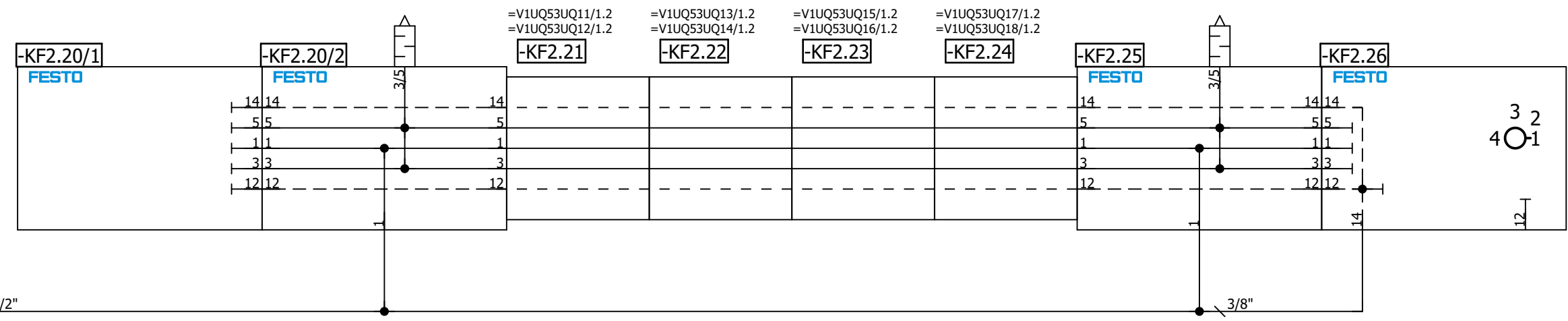
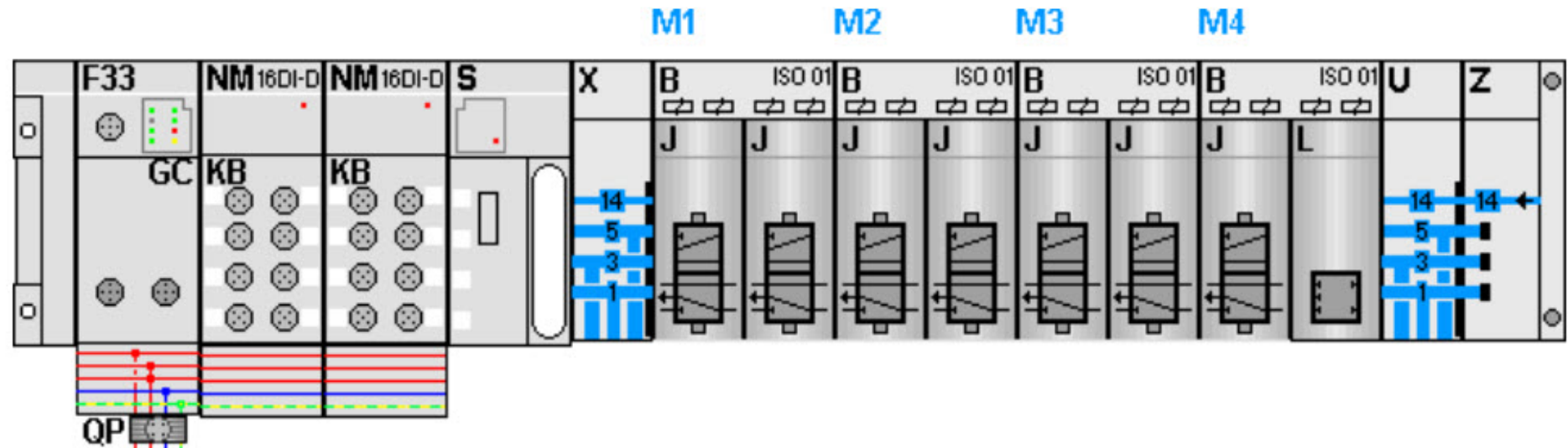
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11

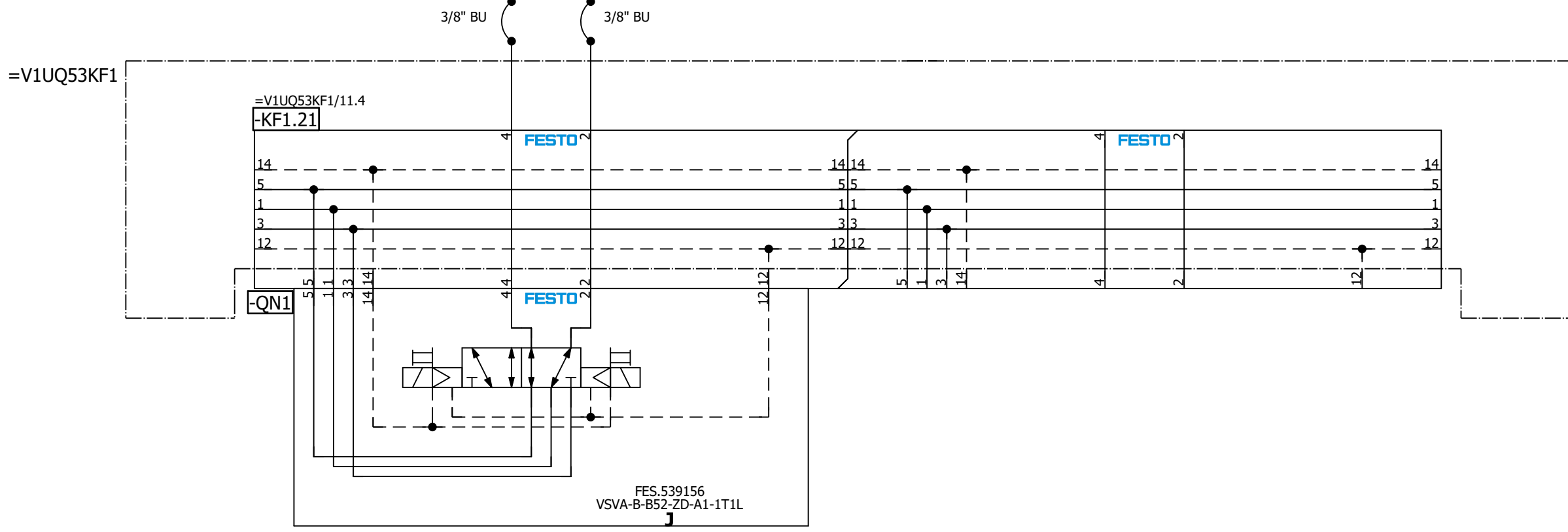
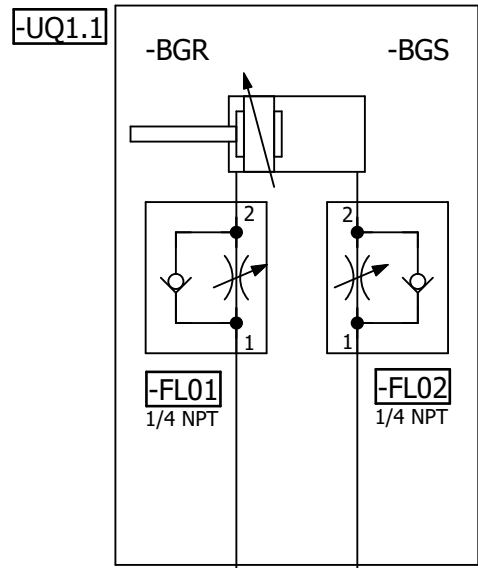
		Date	1/9/2023	Volvo Trucks North America	Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name:		= V1UQ53KF2
		Ed.	MKLEPADLO				=2V09&MFS-PNEU		+ V1UQ53
		Appr		P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	Project nr:	Page
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=V1UQ53UQ1/1

Date	1/9/2023	Volvo Trucks North America	Valiant TMS	AIR SUPPLY	Drawing name:	= V1UQ53KF2
Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09			Document type:	MFS
Appr.		Replacement of	Replaced by	Scale 1:1		Page 11
Modification	Date	Name	Original			404



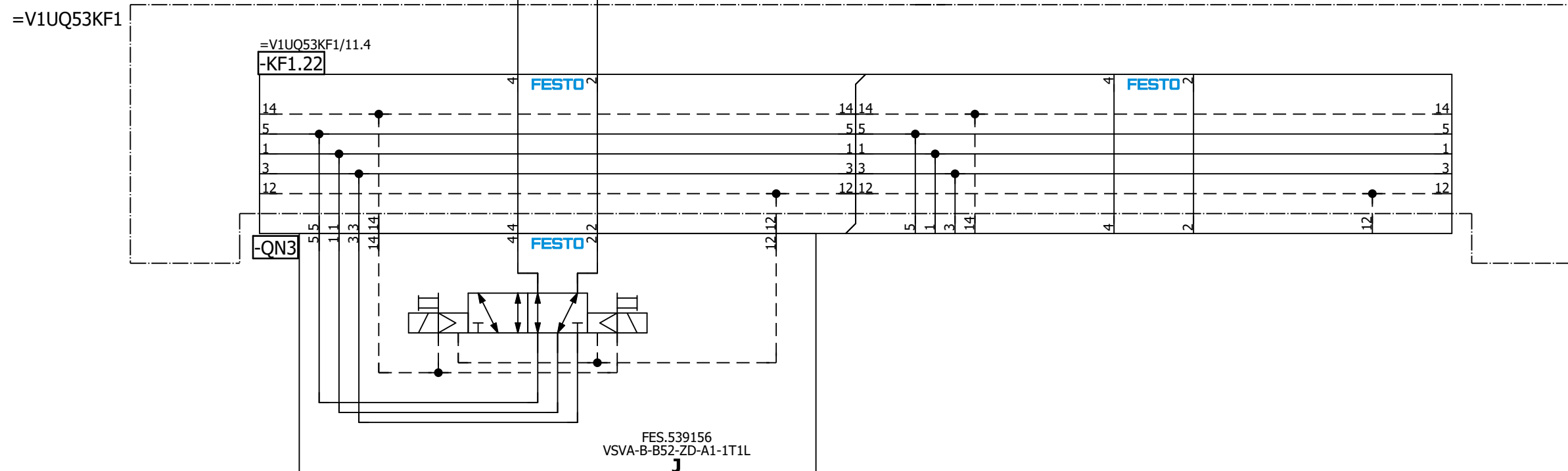
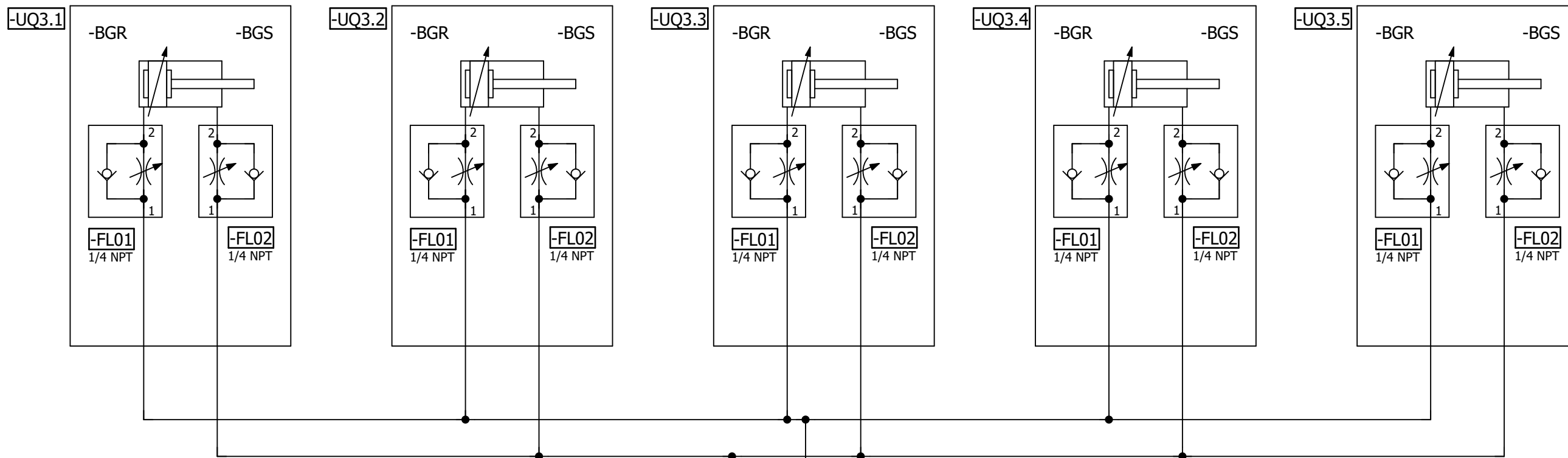
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Shot Pin 1
(RST)

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Shot Pin 1
(SET)

=V1UQ53KF2/11

=V1UQ53UQ2/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 1	Drawing name:		= V1UQ53UQ1
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1UQ53
Appr			Replacement of		Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by			MFS	22-16150	1

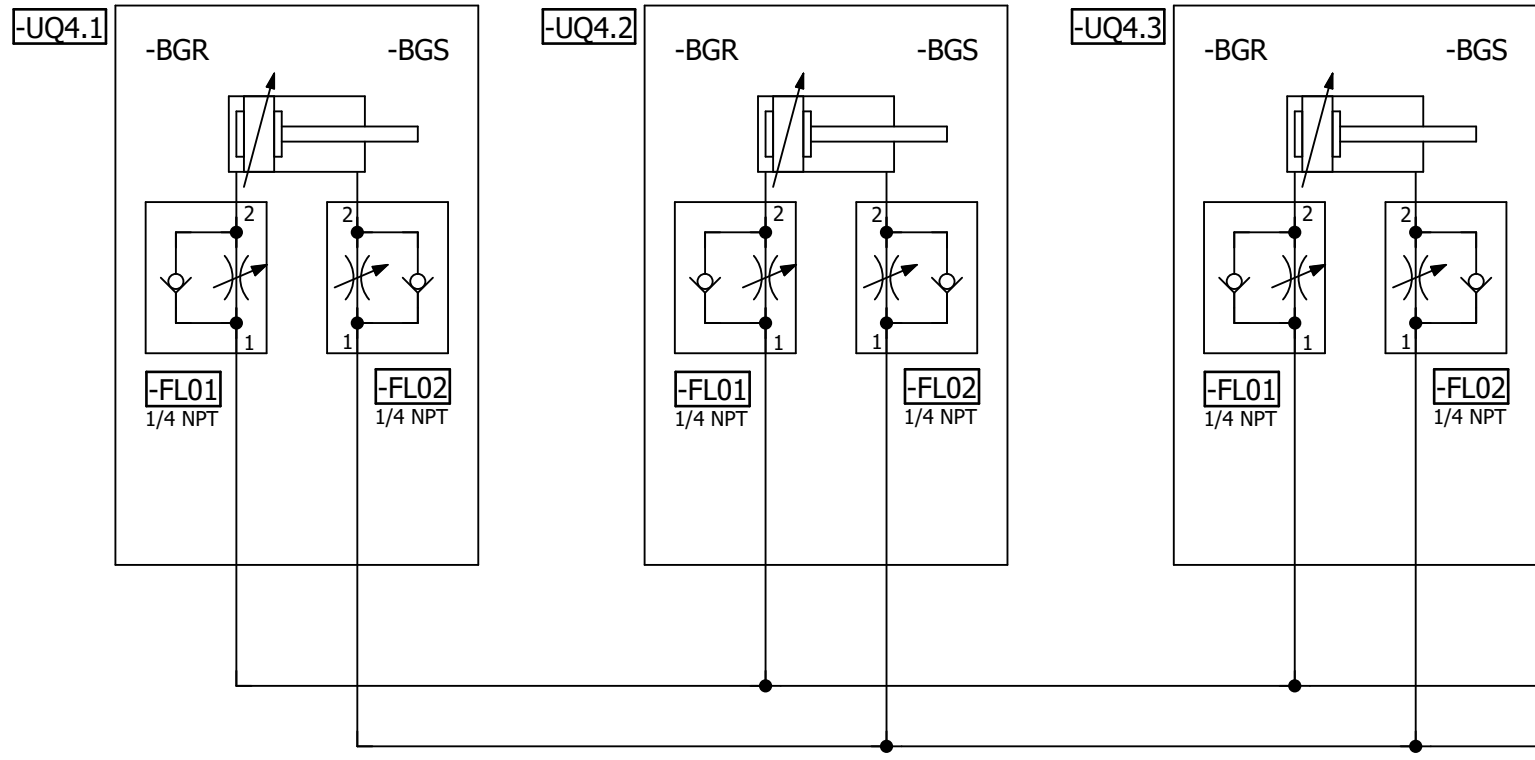


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Clamps 3
(RST)

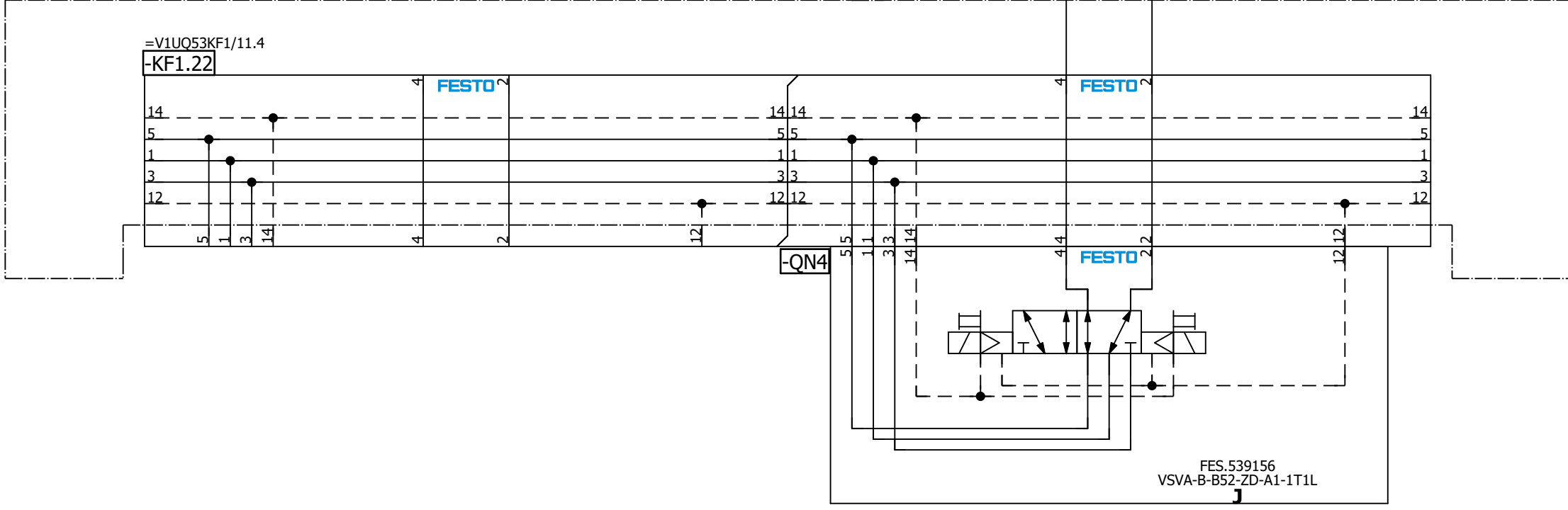
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Clamps 3
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=V1UQ53UQ2/1 =V1UQ53UQ4/1

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Ed.		MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= V1UQ53UQ3	
Appr				Replacement of		Replaced by				Project nr:		Page	
Original										22-16150		1	
Modification		Date		Name		Original				MFS		404	



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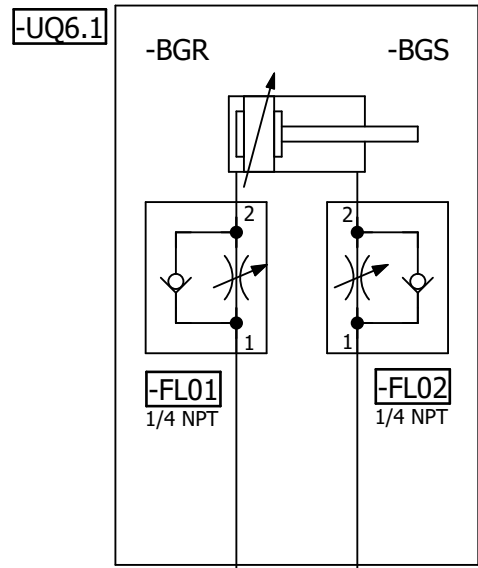
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Clamps 4
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Clamps 4
(SET)

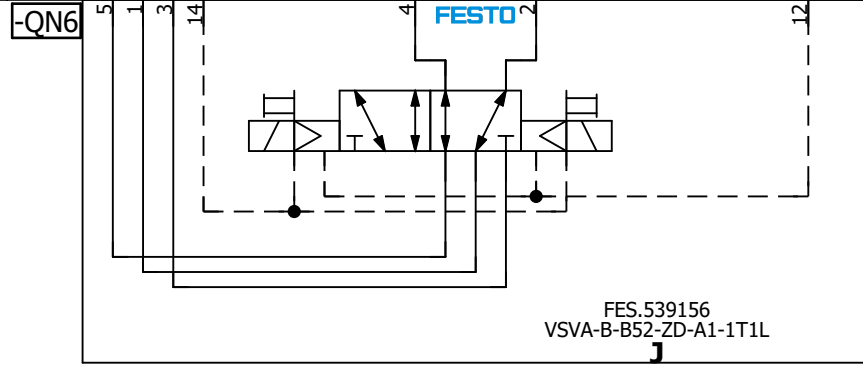
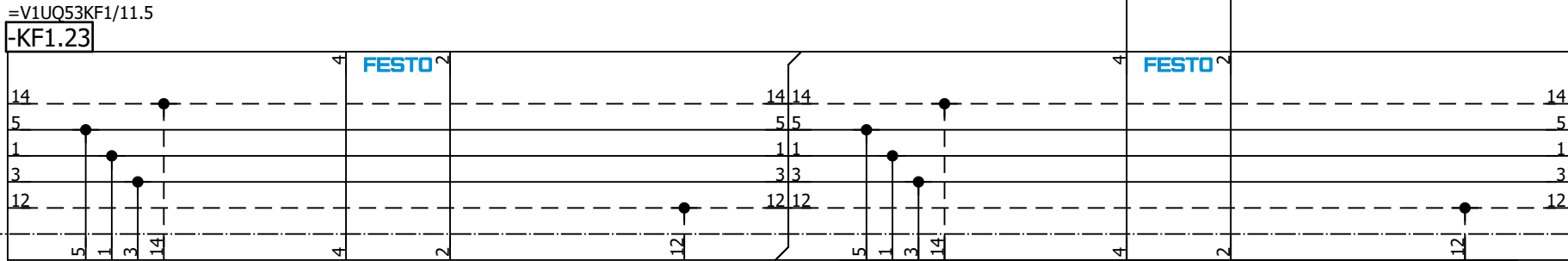
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		Ed.	MKLEPADLO				=2V09&MFS-PNEU	= V1UQ53UQ4	
		Appr.		P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	Project nr:	Page 1
Modification	Date	Name	Original	Replacement of	Replaced by		MFS	22-16150	





=V1UQ53KF1



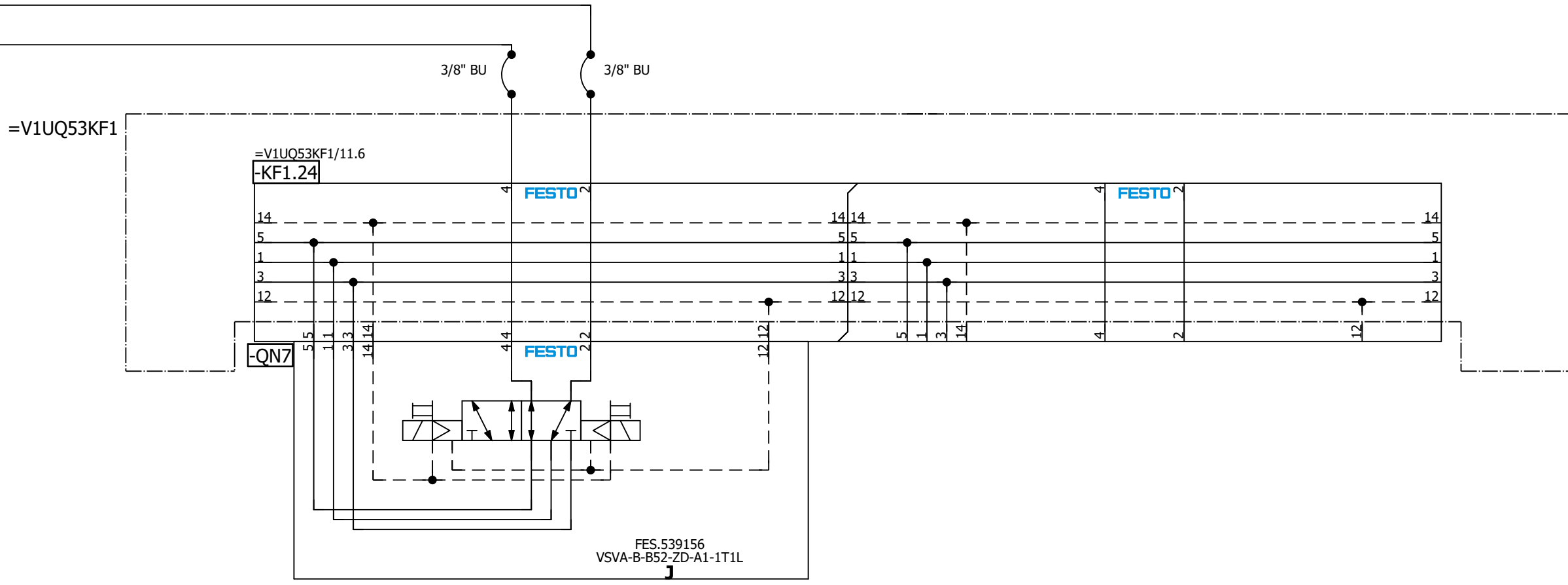
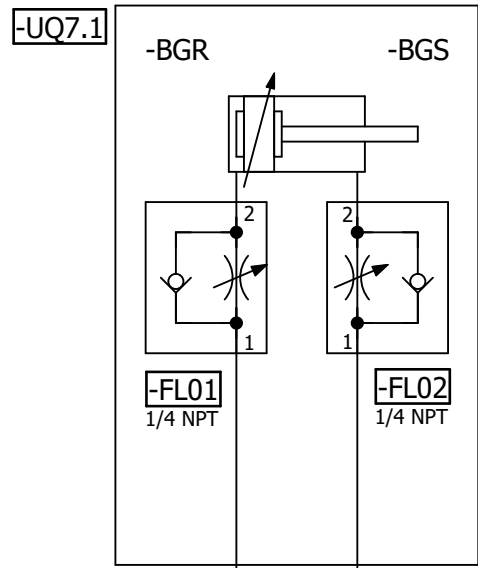
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Clamp 6
(RST)

=V1UQ53
-UQ6-QN6.2
Clamp 6
(SET)

=V1UQ53UQ5/1

=V1UQ53UQ7/1

Modification		Date	Name	Date	1/9/2023	Ed.	MKLEPADLO	Volvo Trucks North America		Valiant TMS	Clamp 6	Drawing name:	= V1UQ53UQ6	Page	1
				Appr.				P6700 Bodyside LH - Robot Cell 2V09				Document type:	MFS	Project nr:	22-16150
				Original				Replacement of		Replaced by		Scale 1:1			404

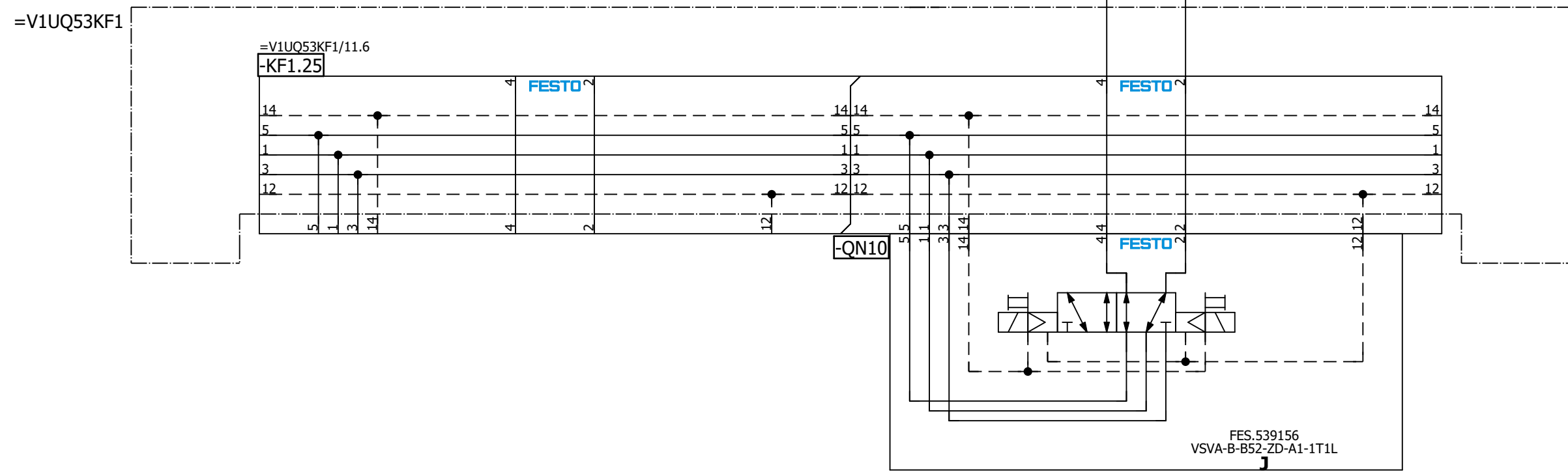
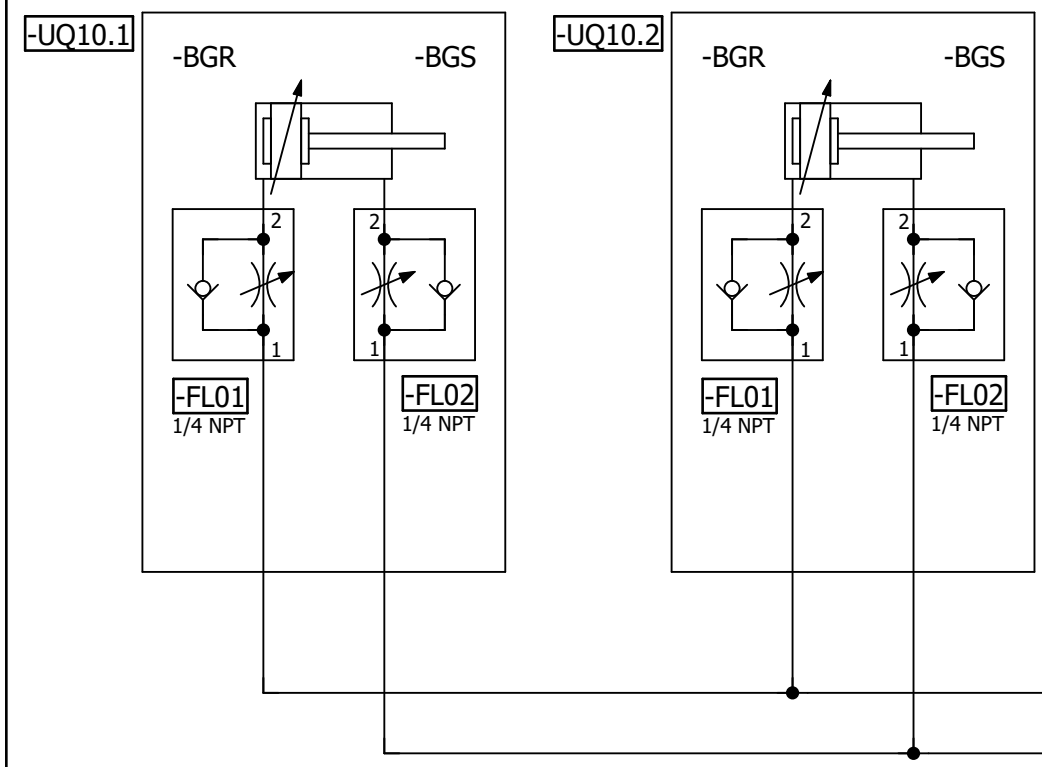


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Clamp 7
(RST)

=V1UQ53
-UQ7-QN7.2
Clamp 7
(SET)

=V1UQ53UQ6/1 =V1UQ53UQ8/1

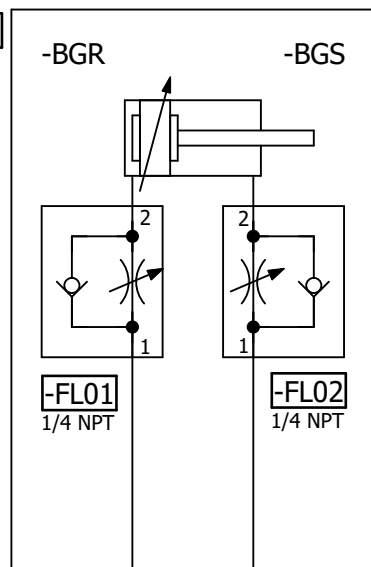
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				Appr				P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	MFS	Project nr:	22-16150
				Replacement of		Replaced by						= V1UQ53UQ7		404



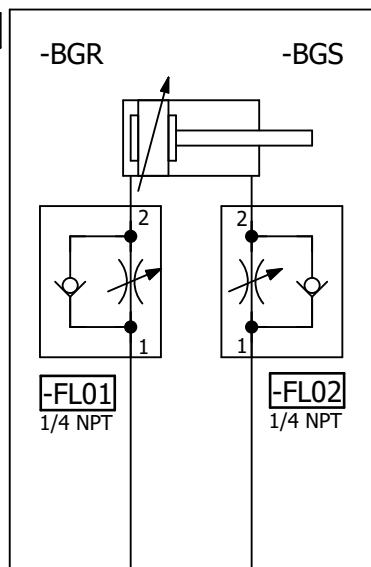
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Clamps 10
(RST)**

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Clamps 10
(SET)**

-UQ11.1

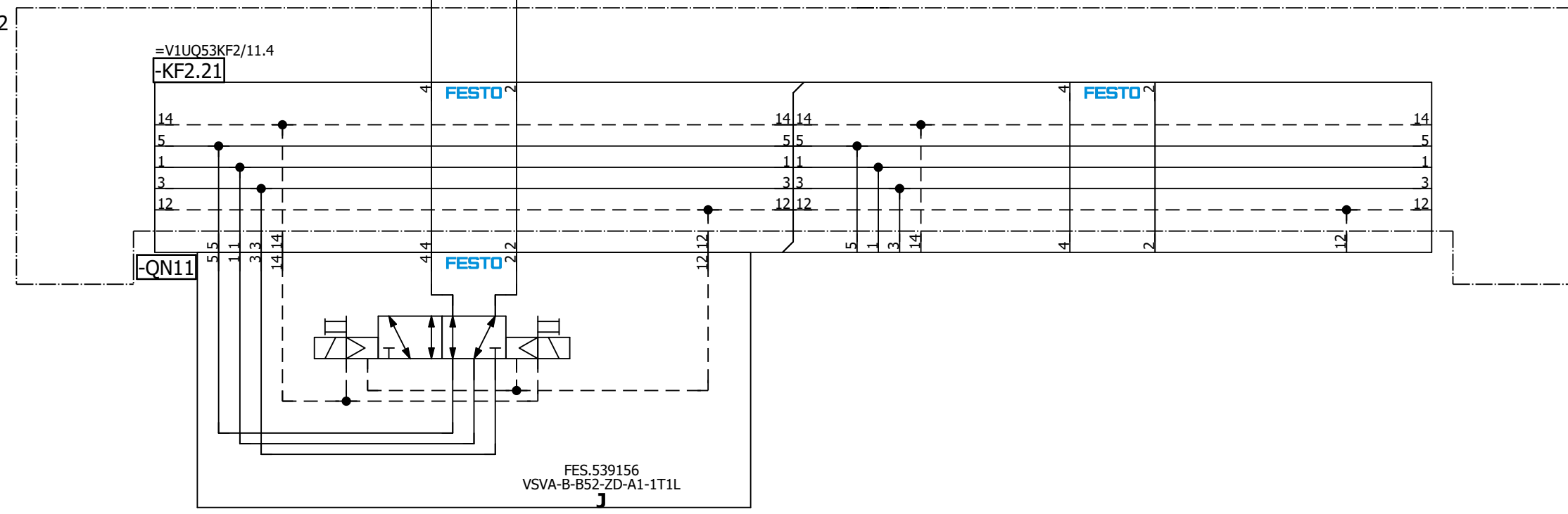


-UQ11.2



3/8" BU 3/8" BU

=V1UQ53KF2



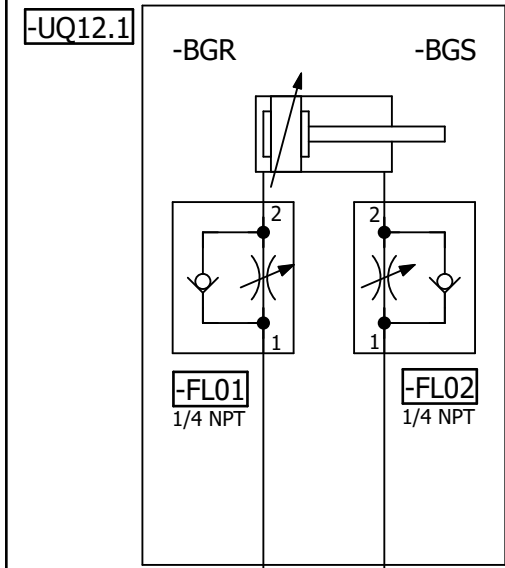
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Clamps 11
(RST)

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Clamps 11
(SET)

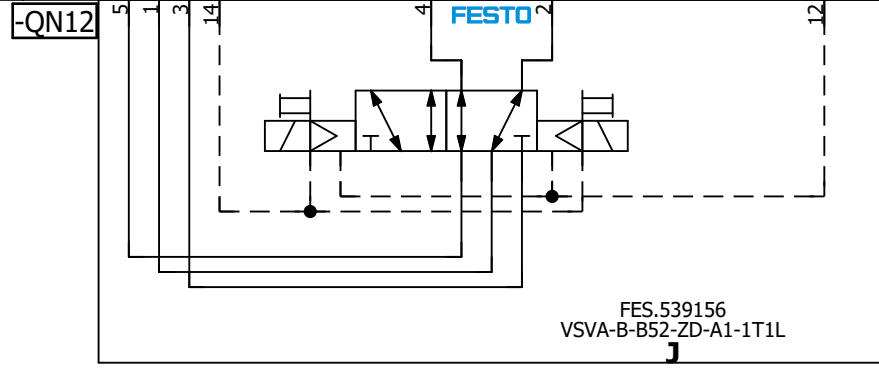
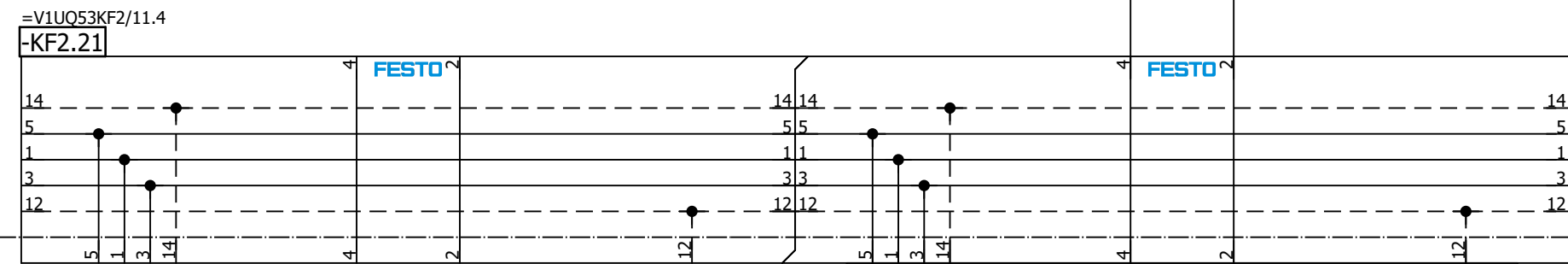
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Ed.		MKLEPADLO		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= 2V09&MFS-PNEU	
Appr.				Replacement of		Replaced by				Project nr:		22-16150	
Modification		Date		Name		Original				Page		1	
										MFS		404	



=V1UQ53KF2



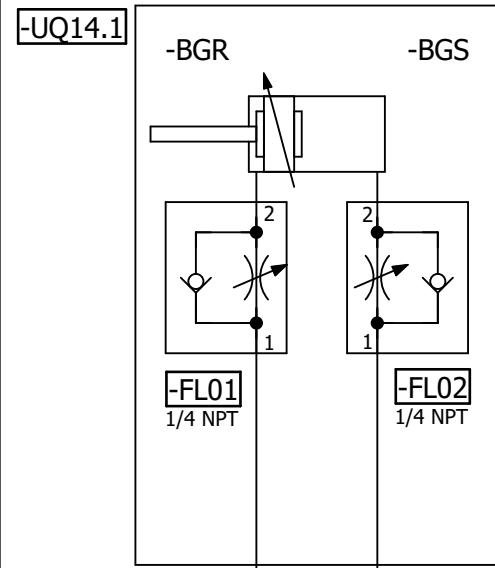
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Clamp 12
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Clamp 12
(SET)

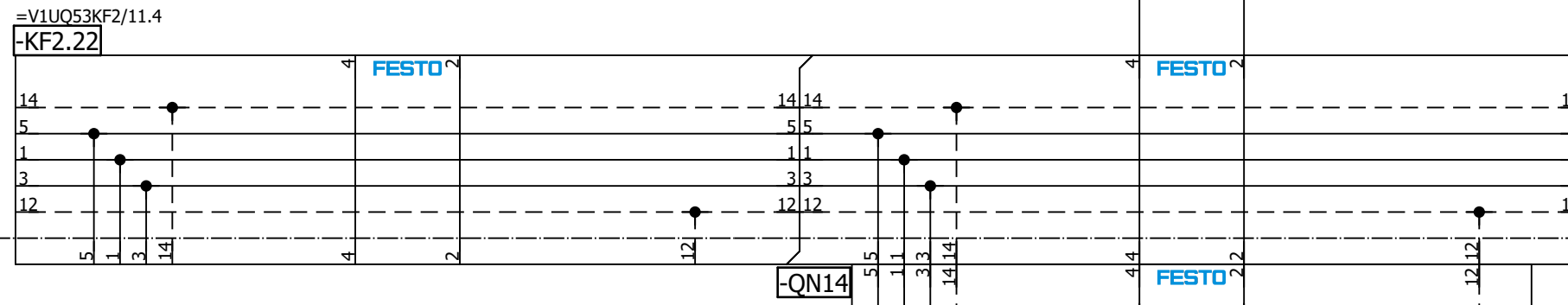
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 404



=V1UQ53KF2

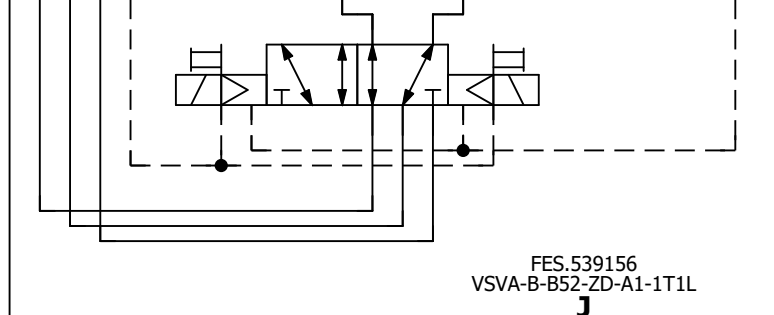


3/8" BU

3/8" BU

-QN14

FESTO



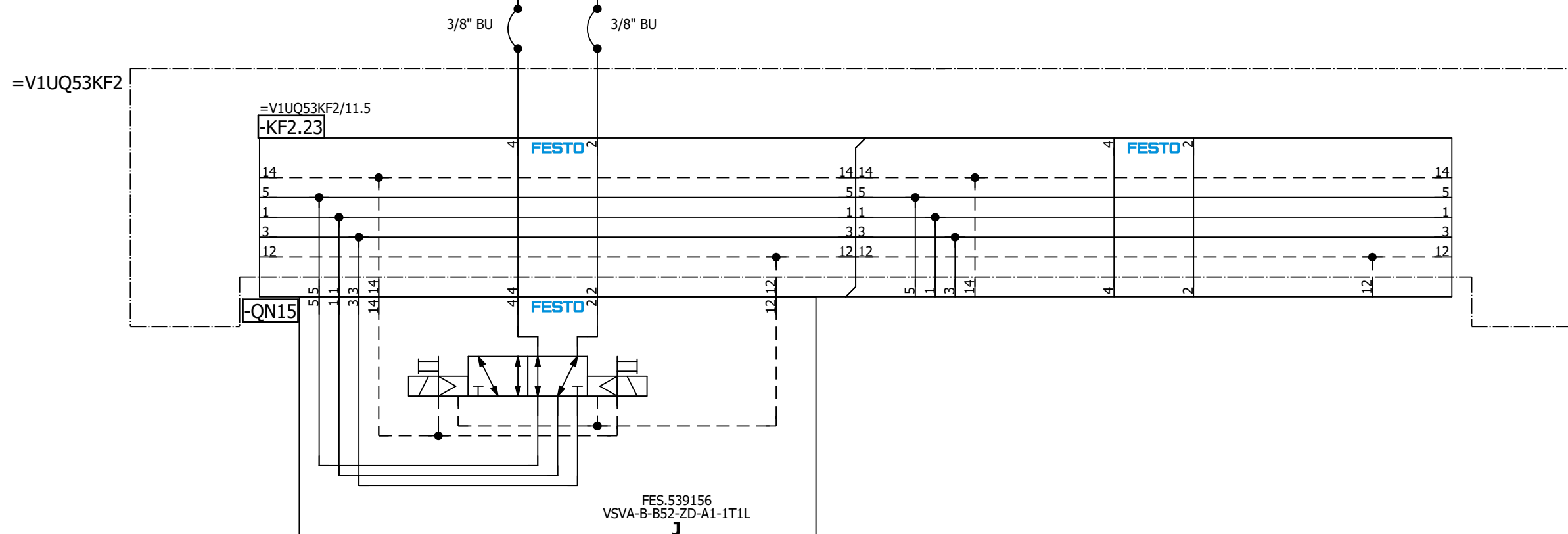
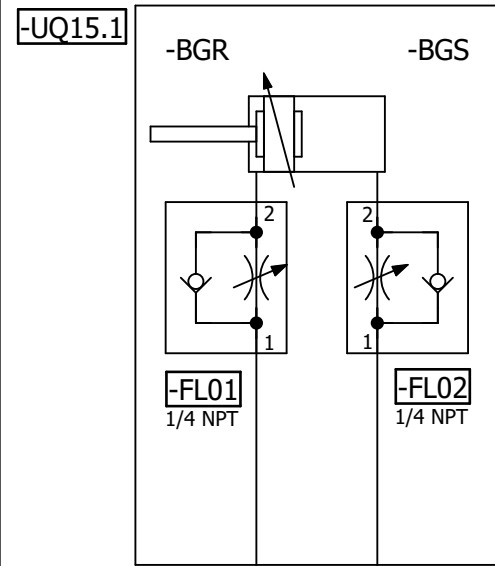
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Shot Pin 14
(RST)**

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Shot Pin 14
(SET)**

=V1UQ53UQ15/1

=V1UQ53UQ13/1

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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MFS	Project nr: 22-16150
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1			Page 1 404



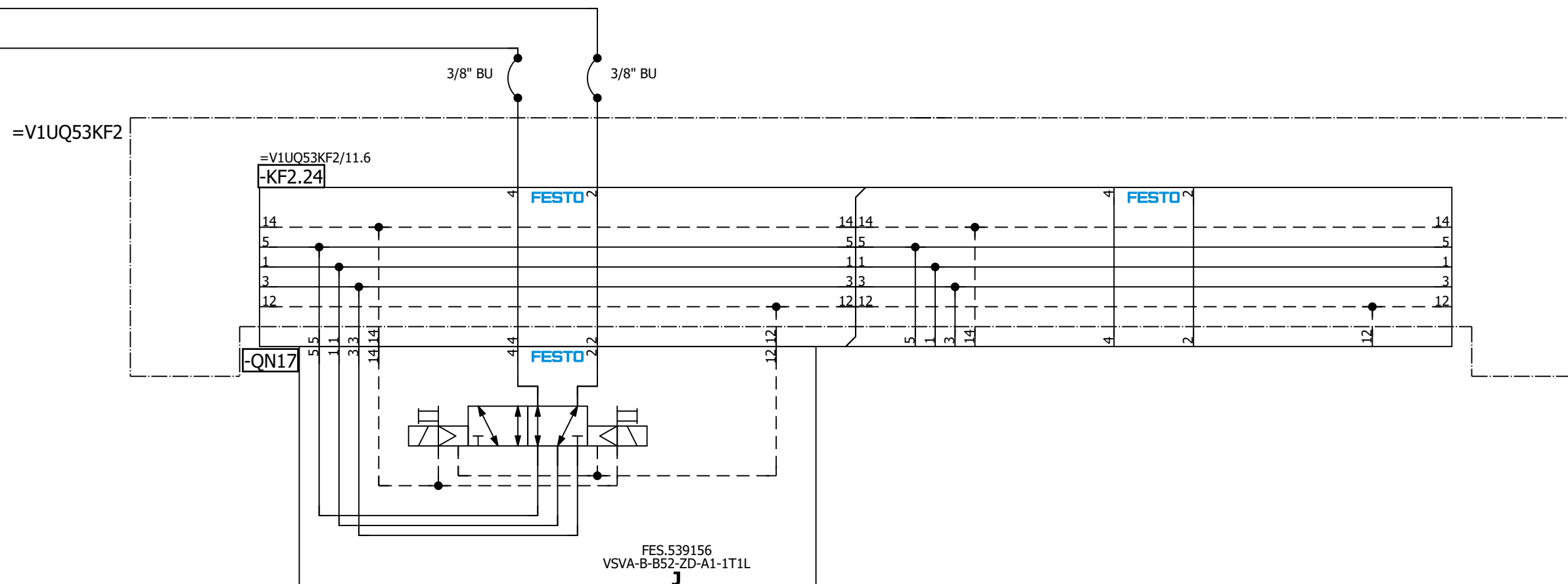
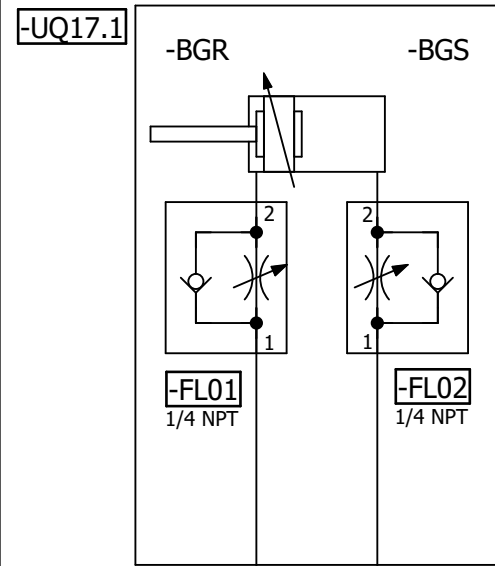
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Shot Pin 15
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-UQ15-QN15.2
Shot Pin 15
(SET)

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=V1UQ53UQ16/1

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Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
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Shot Pin 17
(RST)

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-UQ17-QN17.2
Shot Pin 17
(SET)

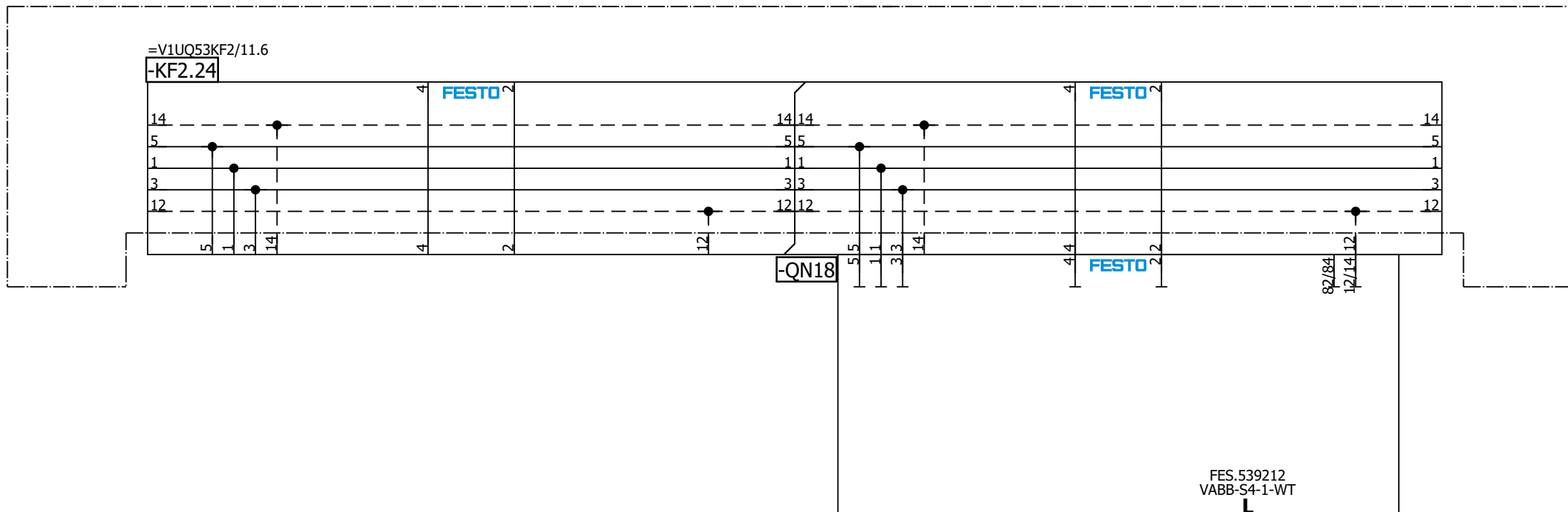
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Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
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=V1UQ53KF2



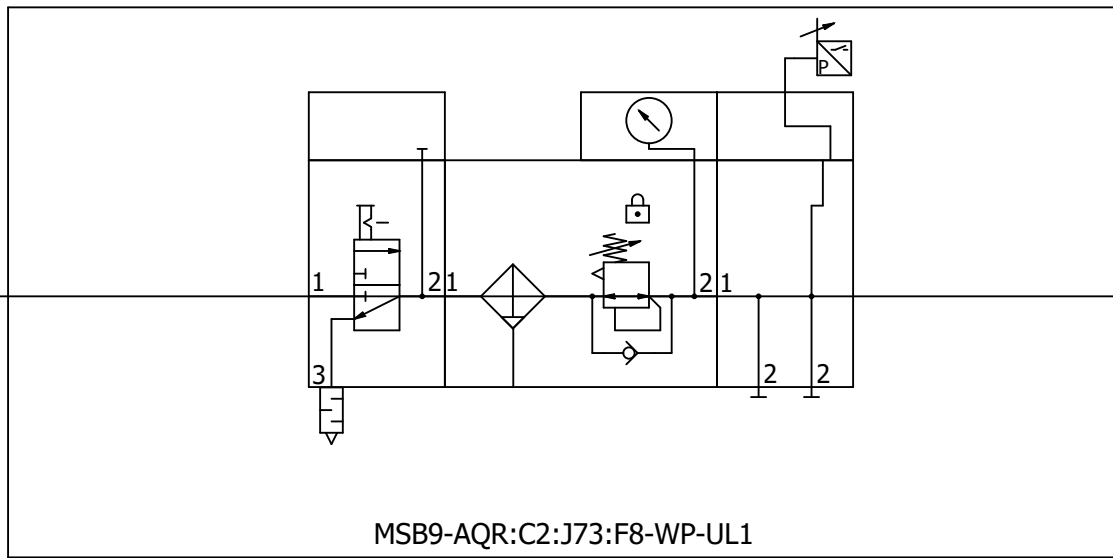
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		Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09			Scale 1:1		Document type:		= 2V09&MFS-PNEU		
Modification	Date	Name	Original	Replacement of	Replaced by				MFS	Project nr:	22-16150	Page	1
												404	

A2

=KH0+KH0/1.7 / +V1UQ54KH1-P1




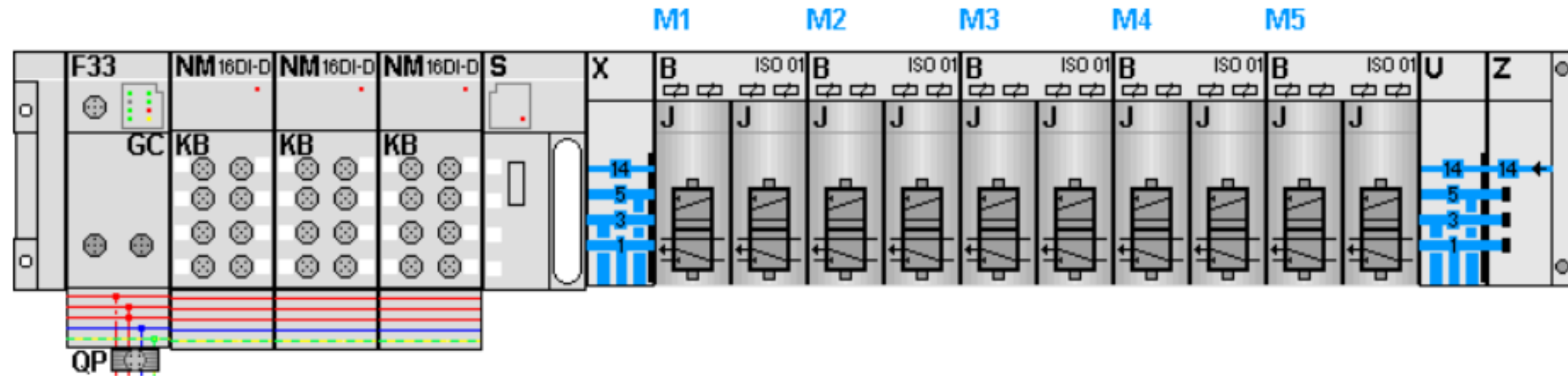
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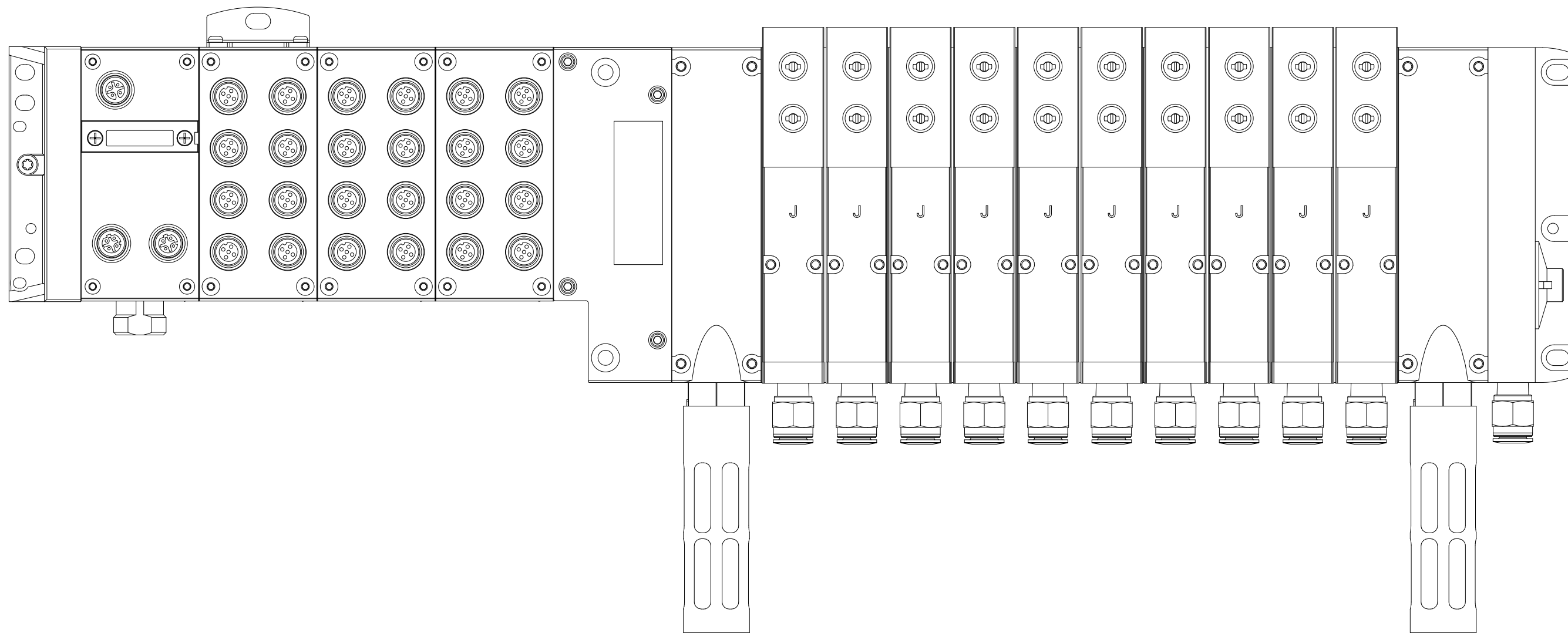
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			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09					=2V09&MFS-PNEU	
			Appr						Document type:	Project nr:	Page
Modification	Date	Name	Original		Replacement of	Replaced by	Scale 1:1		MFS	22-16150	1
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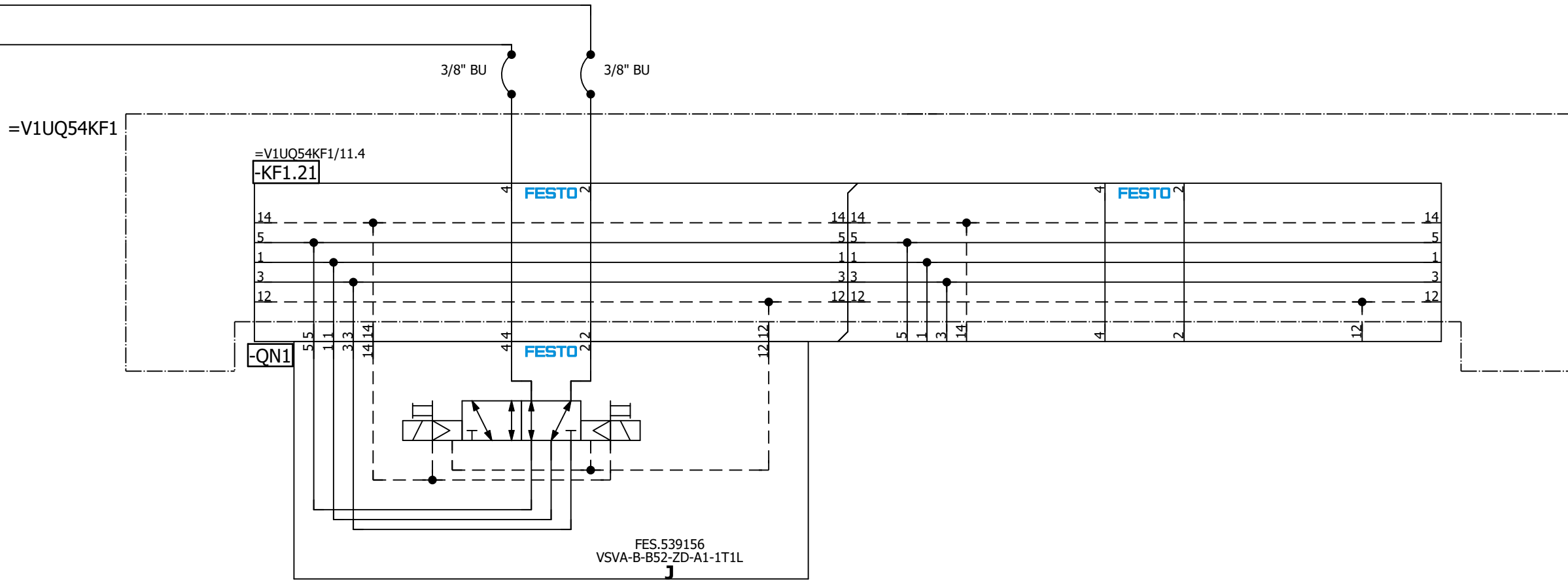
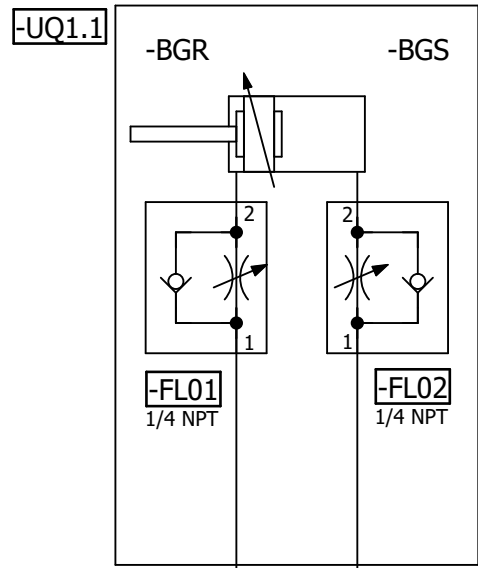
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11

Modification		Date	Name	Original	Replacement of	Replaced by	Scale 1:1	Volvo Trucks North America Valiant TMS P6700 Bodyside LH - Robot Cell 2V09		AIR SUPPLY CONFIGURATION		Drawing name: =2V09&MFS-PNEU		= V1UQ54KF1 + V1UQ54		Page 5
												Document type: MFS		Project nr: 22-16150		404



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Shot Pin 1
(RST)

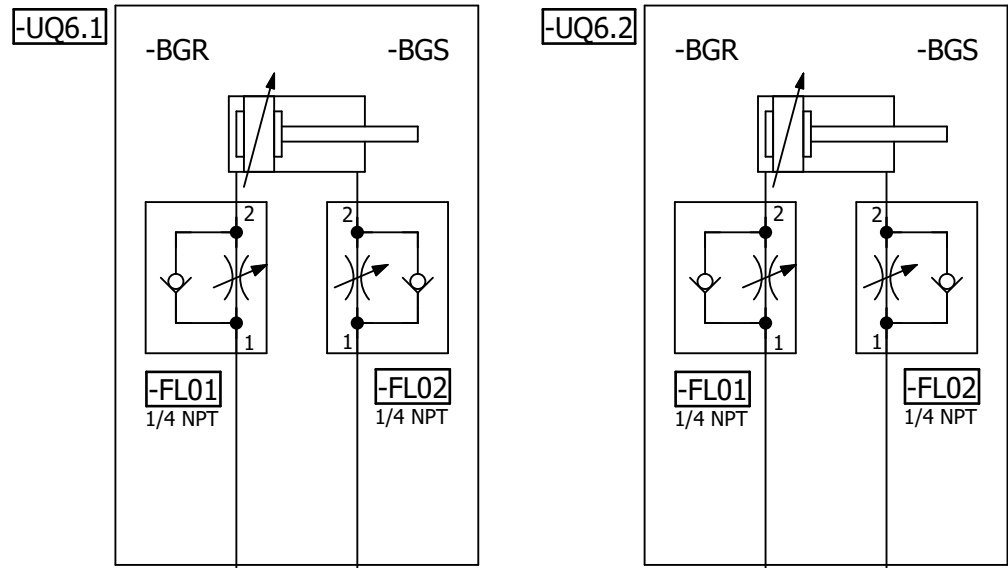
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Modification	Date	Name	Original	Replaced by			MFS	22-16150	1

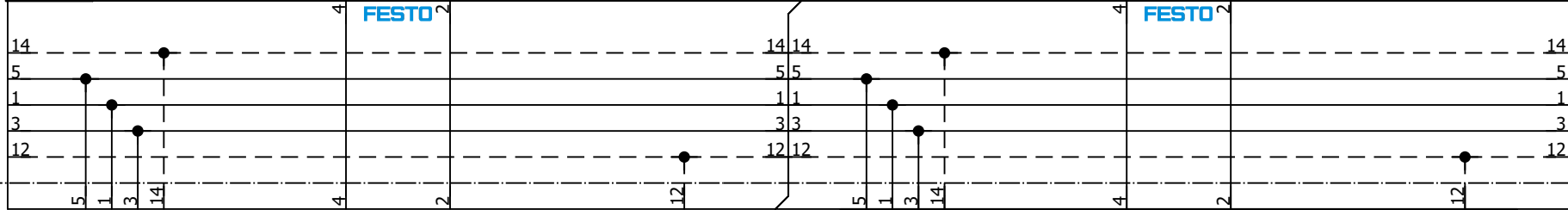




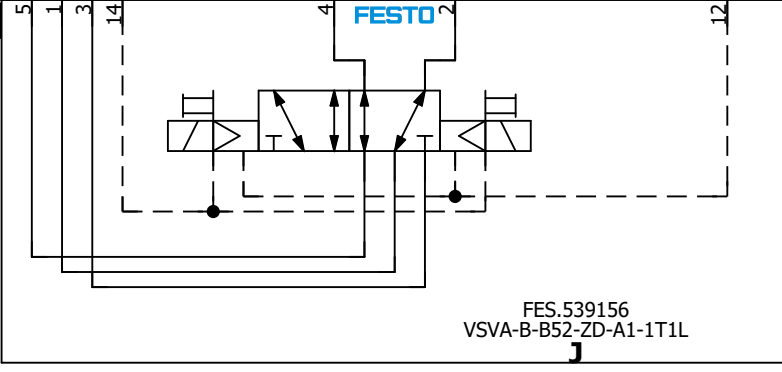
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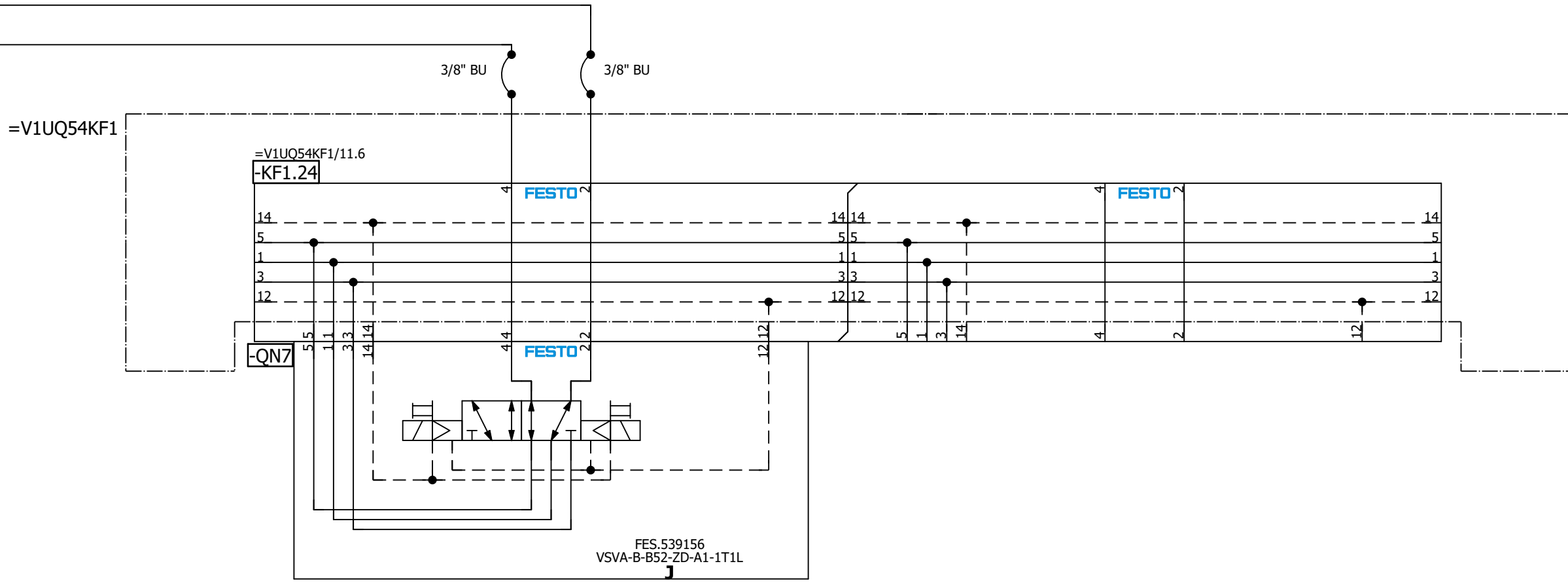
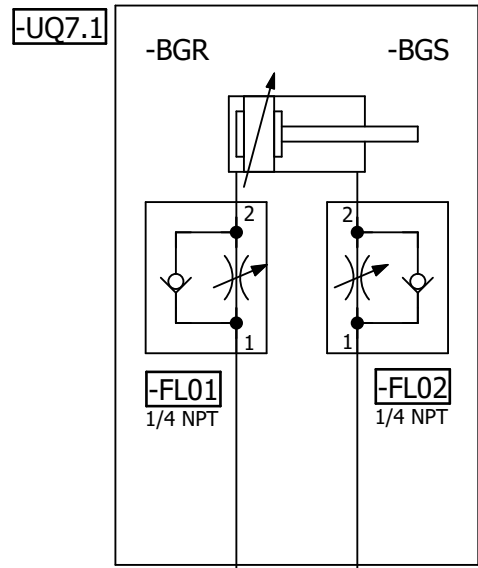
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Clamps 6
(RST)

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-UQ6-QN6.2
Clamps 6
(SET)

=V1UQ54UQ5/1

=V1UQ54UQ7/1

			Date	1/9/2023	Volvo Trucks North America	Valiant TMS	Clamps 6	Drawing name:	= V1UQ54UQ6	Page	1
			Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		= 2V09&MFS-PNEU		Project nr:	22-16150
			Appr.					Replacement of	Replaced by		
Modification	Date	Name	Original								



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Clamp 7
(RST)

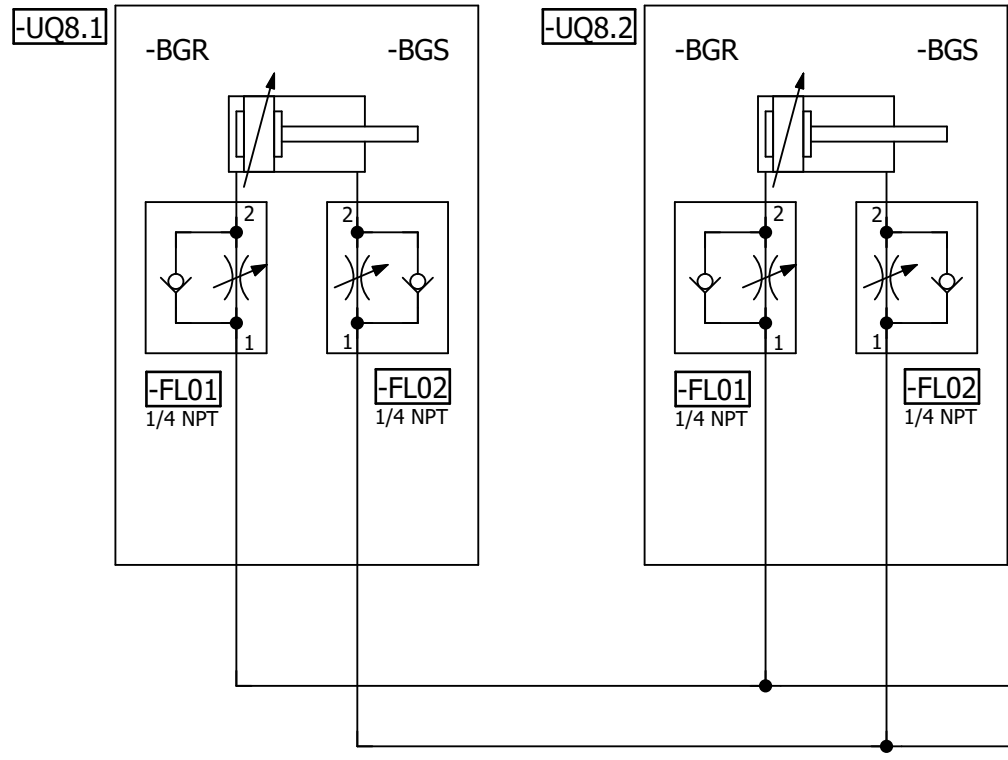
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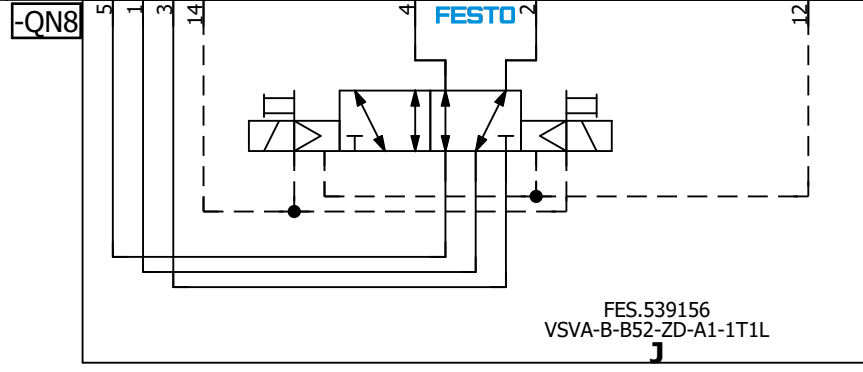
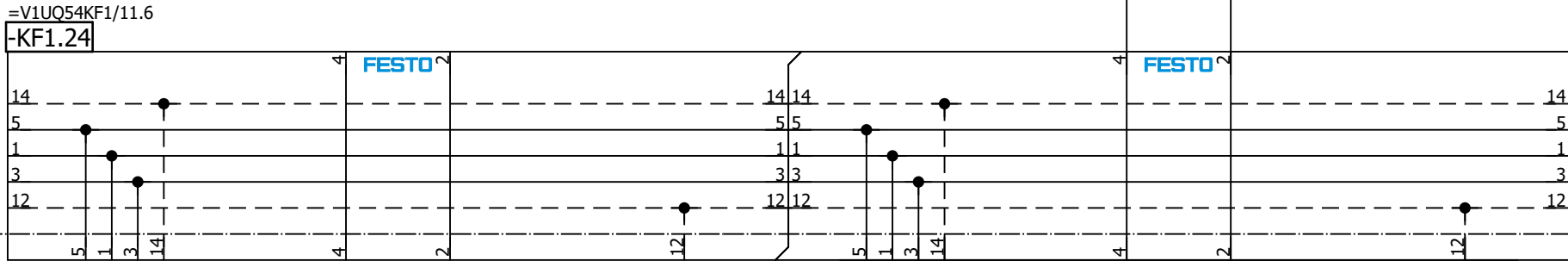
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type:		MFS		
Appr			Replacement of		Scale 1:1		Document type:		MFS	Page	
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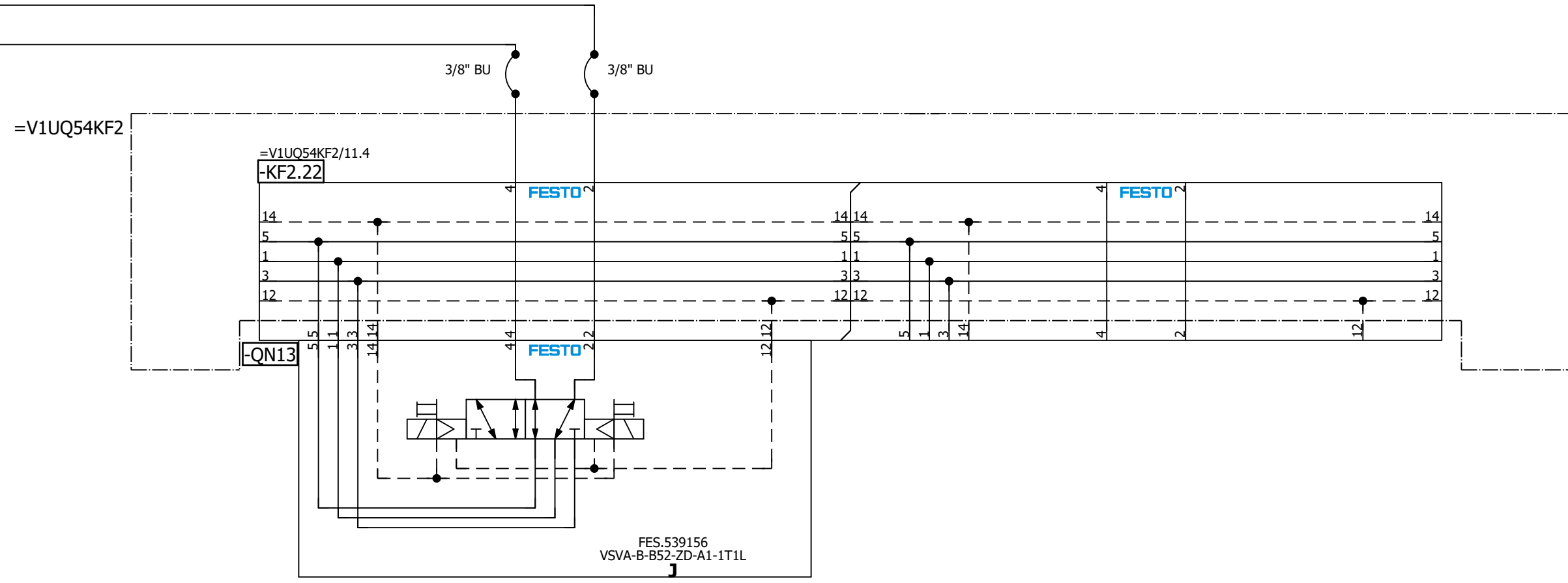
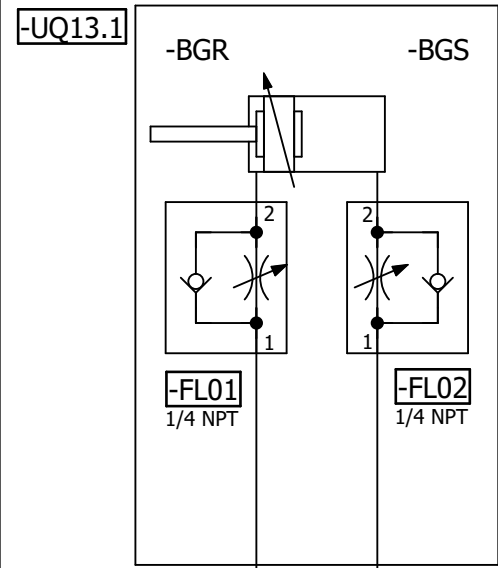
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Clamps 8
(RST)

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Clamps 8
(SET)

=V1UQ54UQ7/1

=V1UQ54UQ9/1

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			Appr.					Replacement of	Replaced by	Document type:
Modification	Date	Name	Original					Project nr:	22-16150	
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Shot Pin 13
(RST)

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

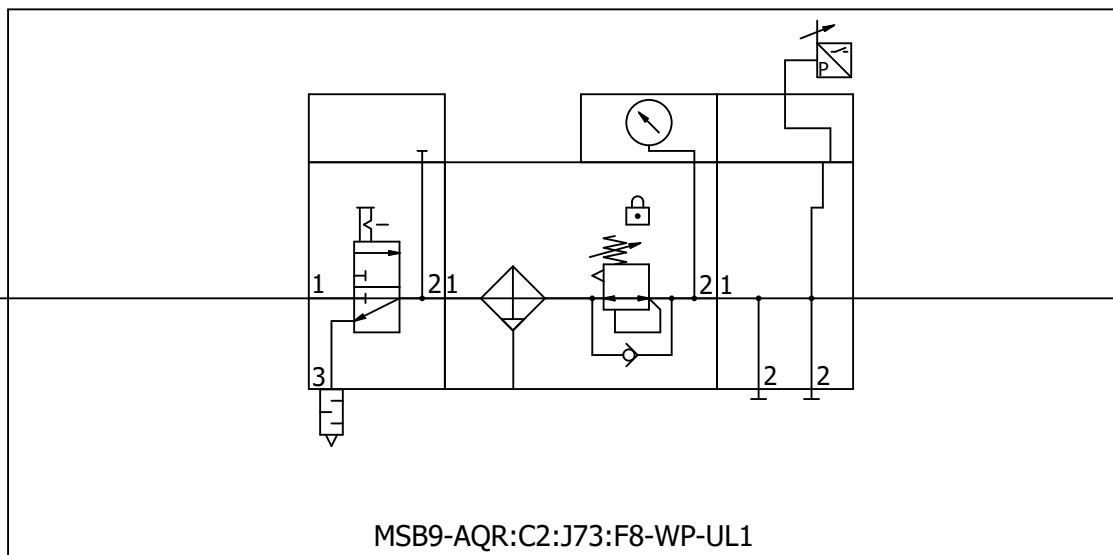
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Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1				Document type:		= 2V09&MFS-PNEU	
Appr.			Replacement of		Replaced by				Project nr:		22-16150	
Original									MFS		Page 1	
											404	

A2

=KH0+KH0/1.7 / +V1UQ55KH1-P1



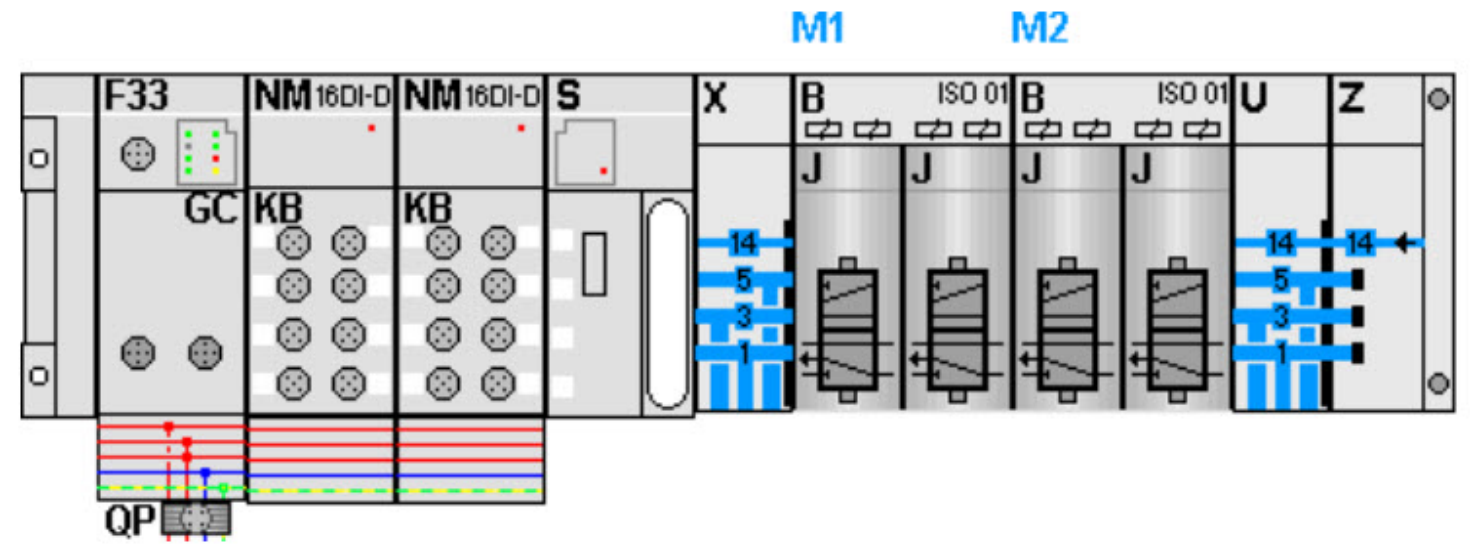
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+V1UQ55-P1 / =V1UQ55KF1+V1UQ55/11.0

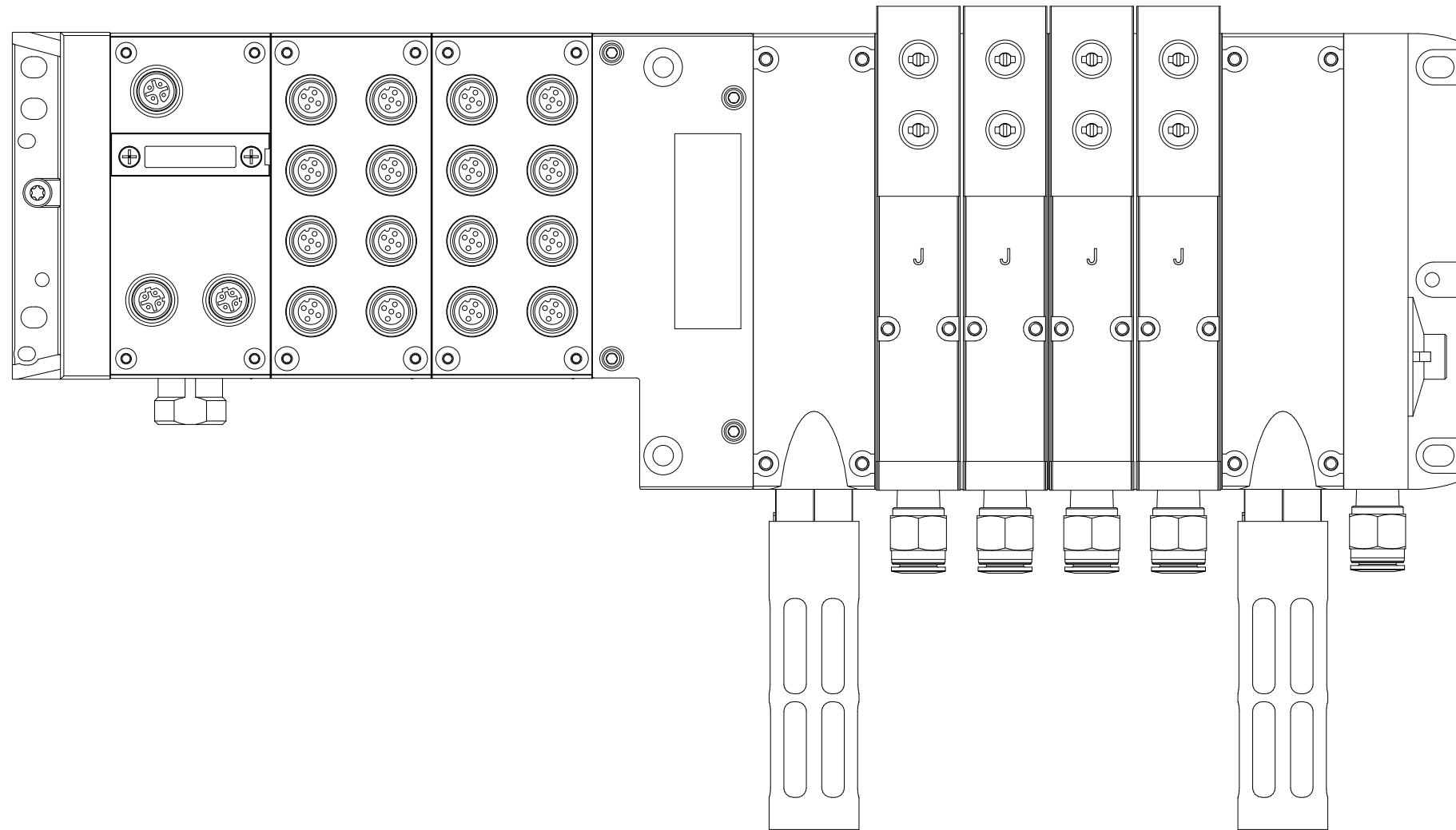
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=V1UQ55KF1+V1UQ55/5

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			Ed.	MKLEPADLO				=2V09&MFS-PNEU		+ KH1
			Appr		P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original		Replacement of			Replaced by	MFS	22-16150
										404



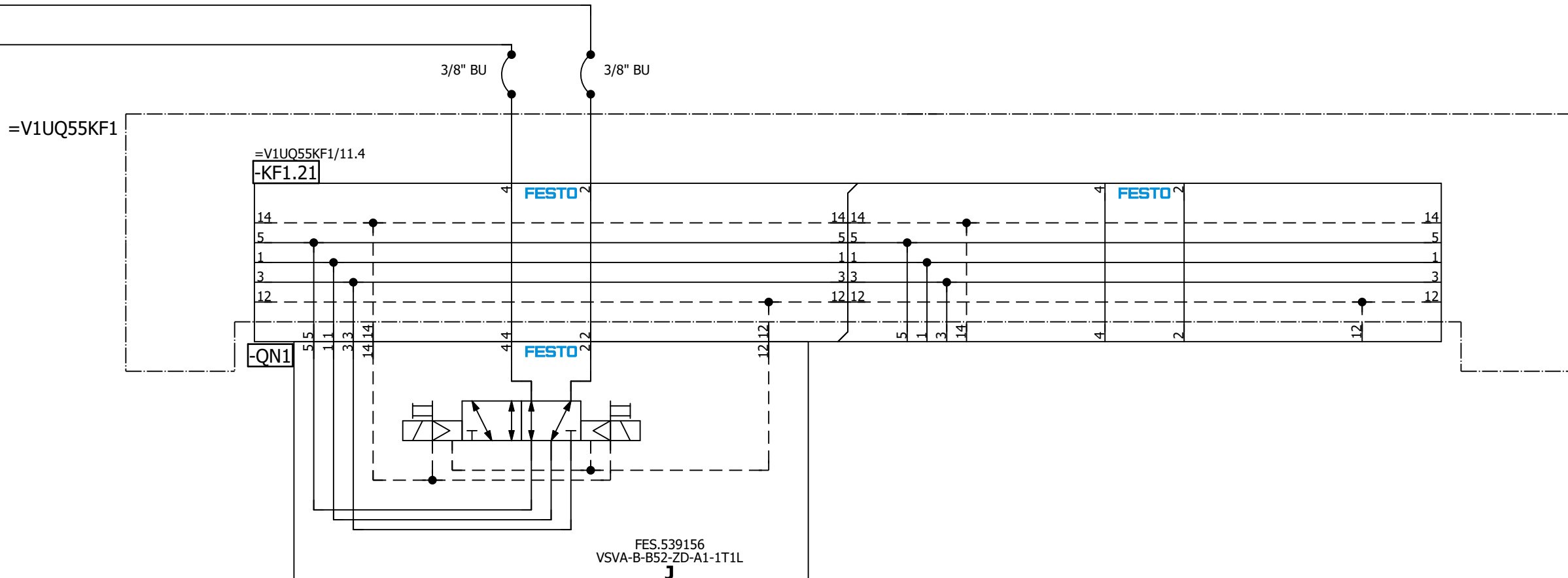
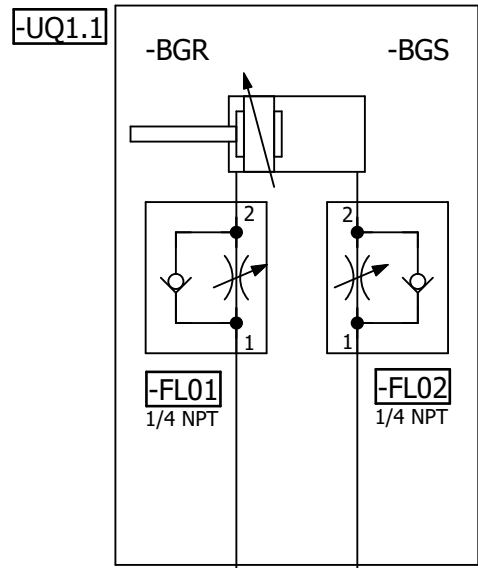
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=V1UQ55+KH1/1

11

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	AIR SUPPLY CONFIGURATION	Drawing name:		= V1UQ55KF1
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1UQ55
Appr			Replacement of		Scale 1:1	Document type:	Project nr:	Page	5
Modification	Date	Name	Original	Replaced by					MFS



=V1UQ55
-UQ1-QN1.1
Shot Pin 1
(RST)

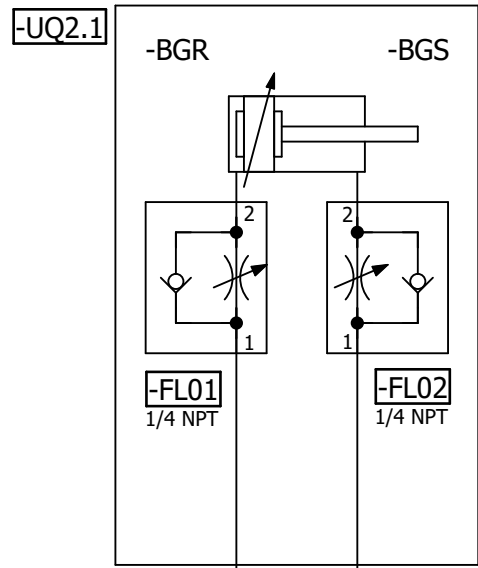
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-UQ1-QN1.2
Shot Pin 1
(SET)

=V1UQ55KF1/11

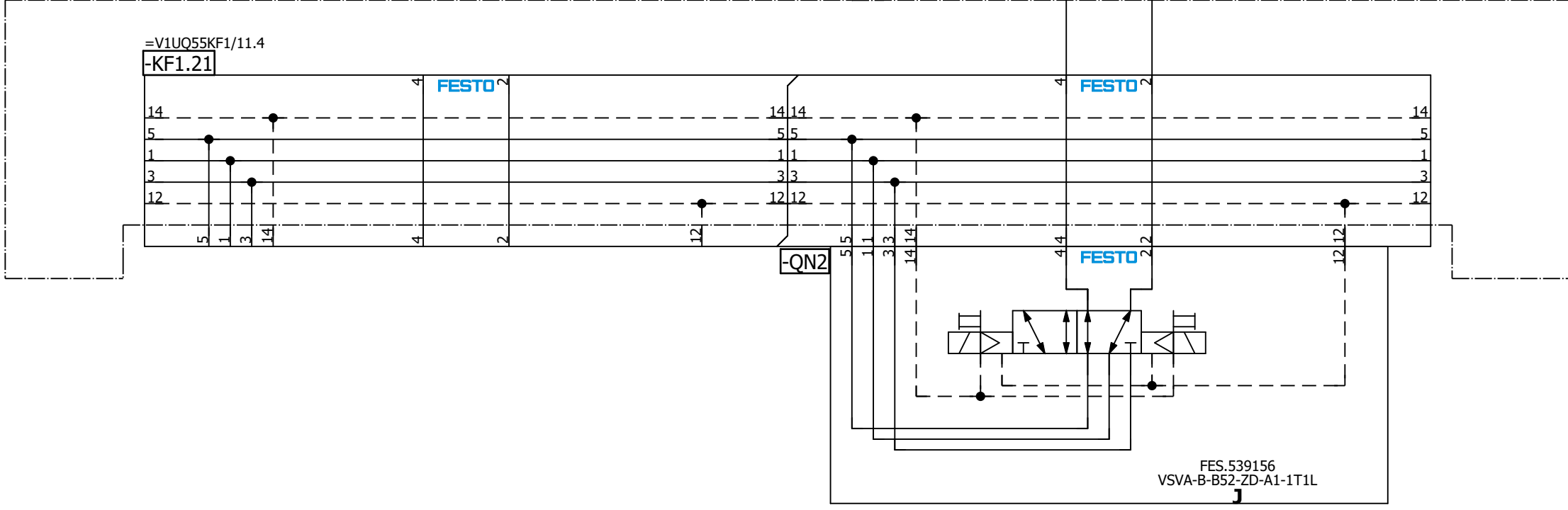
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Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 1	Drawing name:		= V1UQ55UQ1
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1UQ55
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									404





=V1UQ55KF1



=V1UQ55
-UQ2-QN2.1
Shot Pin 2
(RST)

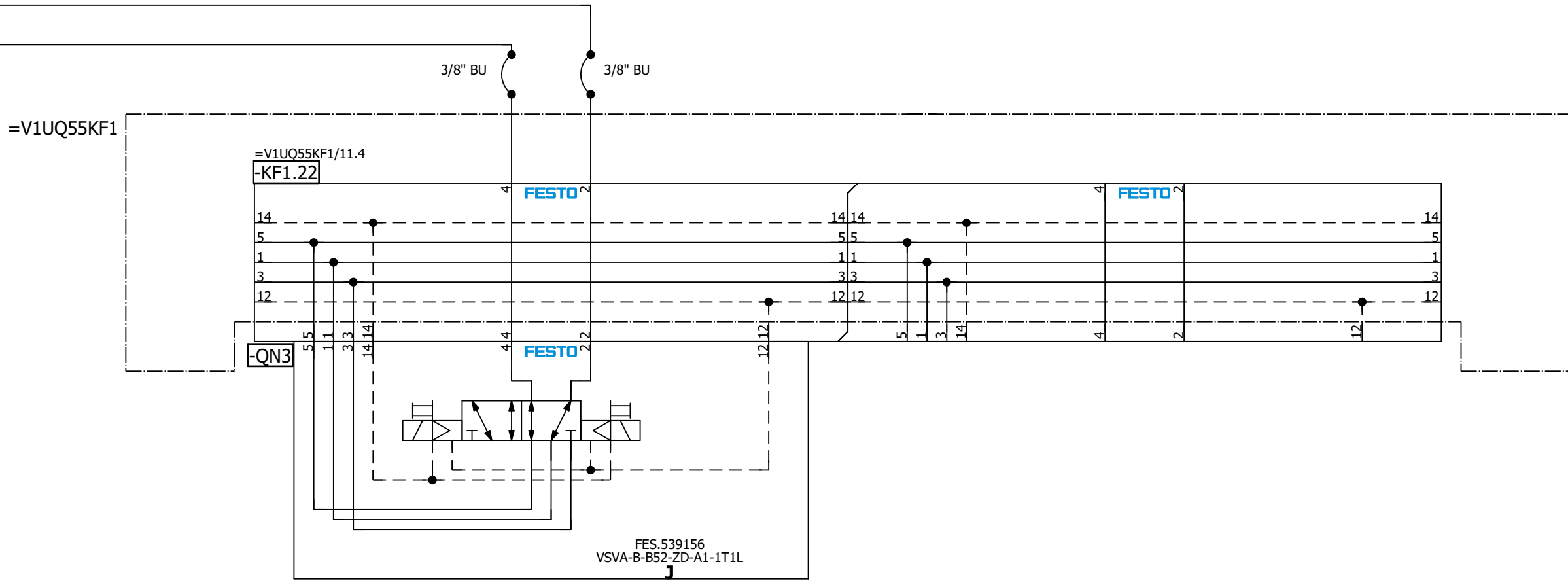
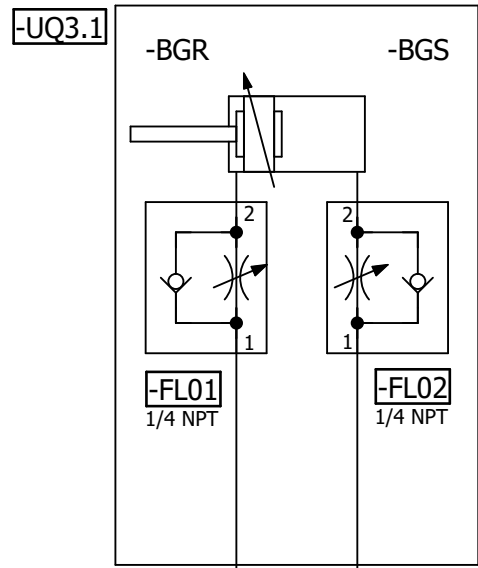
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Shot Pin 2
(SET)

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

=V1UQ55UQ1/1

=V1UQ55UQ3/1

Modification	Date	Name	Date	1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 2	Drawing name: =2V09&MFS-PNEU	= V1UQ55UQ2 + V1UQ55		
			Ed.	MKLEPADLO						P6700 Bodyside LH - Robot Cell 2V09	Project nr: 22-16150	Page
			Appr		Replacement of	Replaced by	Scale 1:1		Document type: MFS	Project nr: 22-16150	Page	404



=V1UQ55
-UQ3-QN3.1
Shot Pin 3
(RST)

=V1UQ55
-UQ3-QN3.2
Shot Pin 3
(SET)

=V1UQ55UQ2/1

=V1UQ55UQ4/1

Date		1/9/2023	Volvo Trucks North America		Valiant TMS	Shot Pin 3	Drawing name:		= V1UQ55UQ3
Ed.		MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				=2V09&MFS-PNEU		+ V1UQ55
Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16150
Modification	Date	Name	Original				Page		1
									404


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
=V1AR11UQ41UQ7-UQ7.2-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ7-UQ7.2-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

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBHBHBH-10J - FES.534658	F2V09&MFS-PNEU	+ V1AR11UQ41	
Appr						Scale 1:1	Document type:
Modification	Date	Name	Original	Replaced by	MPB	22-16150	1
							404

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=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

Modification	Date	Name	Date	1/10/2023	Ed.	MKLEPADLO		Volvo Trucks North America	Valiant TMS	Parts list : FES.534658 - FES.537953	Drawing name: =2V09&MFS-PNEU		=	Page 2
			Appr		Original			P6700 Bodyside LH - Robot Cell 2V09			Document type:	MPB	Project nr:	


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
=V1GL1UQ51UQ12-UQ12.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ51UQ12-UQ12.4-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

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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 LH - Robot Cell 2V09		Scale 1:1	=	+ V1GL1UQ51		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	404



Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=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-QN9	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-QN11	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-QN12	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-QN13	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-QN14	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=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-QN15	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-QN16	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

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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 LH - Robot Cell 2V09	 Valiant TMS	Scale 1:1	=2V09&MFS-PNEU	+ V1GL1UQ52		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	404

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ52UQ15-UQ15.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ16-QN17	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
=V1GL1UQ52UQ16-UQ16.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ16-UQ16.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ52UQ17-QN18	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-QN19	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-QN20	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-QN21	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-QN22	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-QN23	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-QN24	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

Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Parts list : FES.534663 - FES.534663	Drawing name:	=		
Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1		=2V09&MFS-PNEU	+ V1GL1UQ52		
Appr		Replacement of	Replaced by			Document type:	Project nr:	Page	3
Modification	Date	Name	Original			MPB	22-16150		404


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
=V1GL1UQ53UQ12-UQ12.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ12-UQ12.4-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

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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 LH - Robot Cell 2V09		Scale 1:1	=	+ V1GL1UQ53		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	404

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=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
=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
=V1GL1UQ53UQ25-UQ25.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ25-UQ25.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ53UQ26-QN26	0	Blanking plate	VABB-S4-1-WT		FES.539212


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=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-QN9	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-QN11	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-QN12	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-QN13	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-QN14	0	Solenoid valve	VSVA-B-P53ED-ZD-A1-1T1L		FES.560727
=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-QN15	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-QN16	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

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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 LH - Robot Cell 2V09	Scale 1:1		=2V09&MFS-PNEU	+ V1GL1UQ54		
Appr					Document type:	Project nr:	Page	2
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	404


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1GL1UQ54UQ15-UQ15.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ16-QN17	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
=V1GL1UQ54UQ16-UQ16.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ16-UQ16.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL1UQ54UQ17-QN18	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-QN19	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-QN20	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-QN21	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-QN22	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-QN23	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-QN24	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

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Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1		Document type:	MPB			
Modification	Date	Name	Original	Replacement of	Replaced by					404

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=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
=V1GL2UQ51UQ8-UQ8.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1GL2UQ51UQ8-UQ8.4-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
=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
=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

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Date	1/10/2023	Volvo Trucks North America	Valiant TMS	Parts list : FES.534663 - FES.560727	Drawing name:		=
Ed.	MKLEPADLO				=2V09&MFS-PNEU		+ V1GL2UQ51
Appr		P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	Project nr:	Page
Modification	Date				Replacement of	Replaced by	MPB
							404

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=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

Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Parts list : FES.534663 - FES.534663	Drawing name: = 2V09&MFS-PNEU		=	
Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09				Document type: MPB	Project nr: 22-16150	+ V1GL2UQ51	
Modification	Date		Name	Original	Replacement of	Replaced by	Scale 1:1		

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				=2V09&MFS-PNEU		+ V1UQ52
Appr		P6700 Bodyside LH - Robot Cell 2V09	Scale 1:1		Document type:	Project nr:	Page
Modification	Date				Replacement of	Replaced by	MPB
							404

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

Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Parts list : FES.539156 - FES.534663	Drawing name:		=	
Ed.	MKLEPADLO					=2V09&MFS-PNEU		+ V1UQ52	
Appr		P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1		Document type:	Project nr:	Page	3
Modification	Date	Name	Original			Replacement of	Replaced by	MPB	22-16150

Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1UQ52UQ38-UQ38.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ39-QN39	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ39-UQ39.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ39-UQ39.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ40-QN40	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ40-UQ40.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ40-UQ40.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ41-QN41	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ41-UQ41.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ41-UQ41.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ42-QN42	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ42-UQ42.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ42-UQ42.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ42-UQ42.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ42-UQ42.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ43-QN43	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ43-UQ43.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ43-UQ43.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ44-QN44	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ44-UQ44.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ44-UQ44.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ44-UQ44.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ44-UQ44.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ45-QN45	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ45-UQ45.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ45-UQ45.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ46-QN46	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ46-UQ46.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ46-UQ46.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ52UQ47-QN47	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ52UQ48-QN48	0	Blanking plate	VABB-S4-1-WT		FES.539212

Date	1/10/2023	Volvo Trucks North America	 Valiant TMS Parts list : FES.534663 - FES.539212	Drawing name:	=	Document type: MPB	Project nr: 22-16150	Page	4
Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1	=				
Modification	Date	Name	Original	Replacement of	Replaced by				404


Parts list

F01_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1UQ54KF1-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
=V1UQ54KF1-KF1.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ54KF1-KF1.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ54KF1-KF1.23	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ54KF1-KF1.24	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ54KF1-KF1.25	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ54KF2-KF2.0	1	Valve Manifold	51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-4J	FES	FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-4J
=V1UQ54KF2-KF2.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ54KF2-KF2.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V1UQ54UQ1-QN1	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ2-QN2	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ3-QN3	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ3-UQ3.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ3-UQ3.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ3-UQ3.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ3-UQ3.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ3-UQ3.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ3-UQ3.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ4-QN4	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ4-UQ4.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ4-UQ4.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ4-UQ4.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ4-UQ4.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ4-UQ4.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ4-UQ4.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ5-QN5	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ5-UQ5.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ5-UQ5.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ5-UQ5.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ5-UQ5.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ5-UQ5.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ5-UQ5.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ5-UQ5.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ5-UQ5.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ6-QN6	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ6-UQ6.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ6-UQ6.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ6-UQ6.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ6-UQ6.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ7-QN7	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ7-UQ7.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ7-UQ7.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ8-QN8	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ8-UQ8.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ8-UQ8.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ8-UQ8.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ8-UQ8.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ9-QN9	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ9-UQ9.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ9-UQ9.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V1UQ54UQ10-QN10	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V1UQ54UQ10-UQ10.1-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 :	Drawing name:	=		
Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-5BU-10J - FES.534663	F-2V09&MFS-PNEU	+ V1UQ54		
Appr						Document type:	Project nr:	Page
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16150	1
							404	


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

+UQ54/2

&MAZ+/1

Date	1/10/2023	Volvo Trucks North America		Valiant TMS	Parts list : FES.51E-F33GCQPNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BBU-4J - FES.534663	Drawing name:	=	= 2V09&MFS-PNEU	Project nr: 22-16150	Page 1
Ed.	MKLEPADLO	P6700 Bodyside LH - Robot Cell 2V09		Scale 1:1		Document type:	MPB			
Modification	Date	Name	Original	Replacement of	Replaced by					

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.

&MPB+V1UQ55/1

Date	1/9/2023
Ed.	MKLEPADLO
Appr	
Original	

Volvo Trucks North America



P6700 Bodyside LH - Robot Cell 2V09

Valiant TMS

Scale 1:10

Amendment page

Drawing name: =2V09&MFS-PNEU
 Document type: MAZ
 Project nr: 22-16150

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