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Modification	Date	Name	Original				

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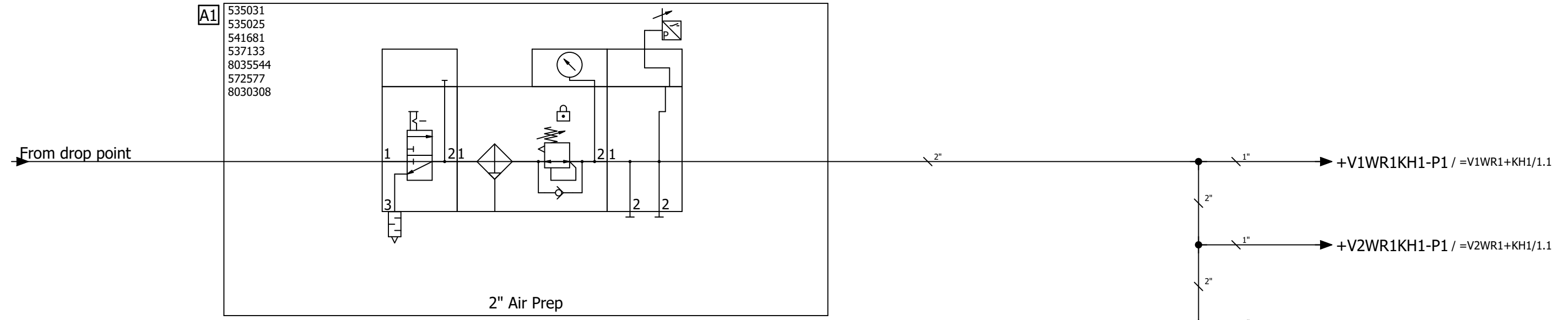
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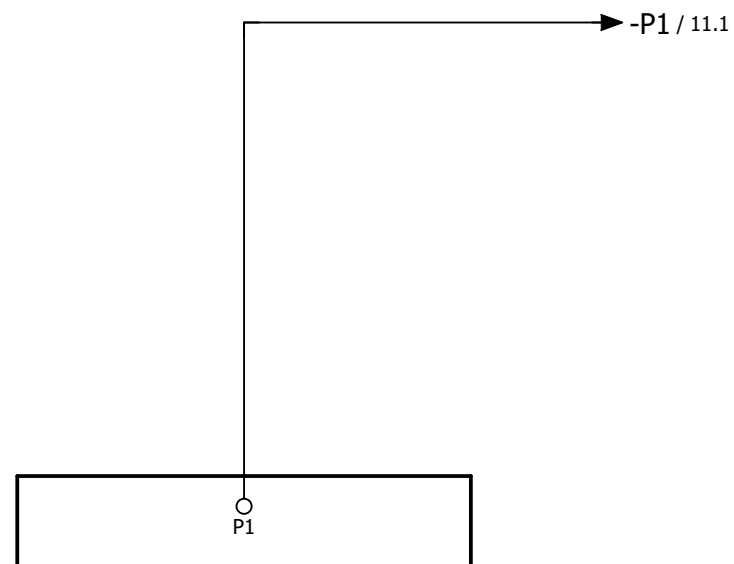


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 Fume Extractor


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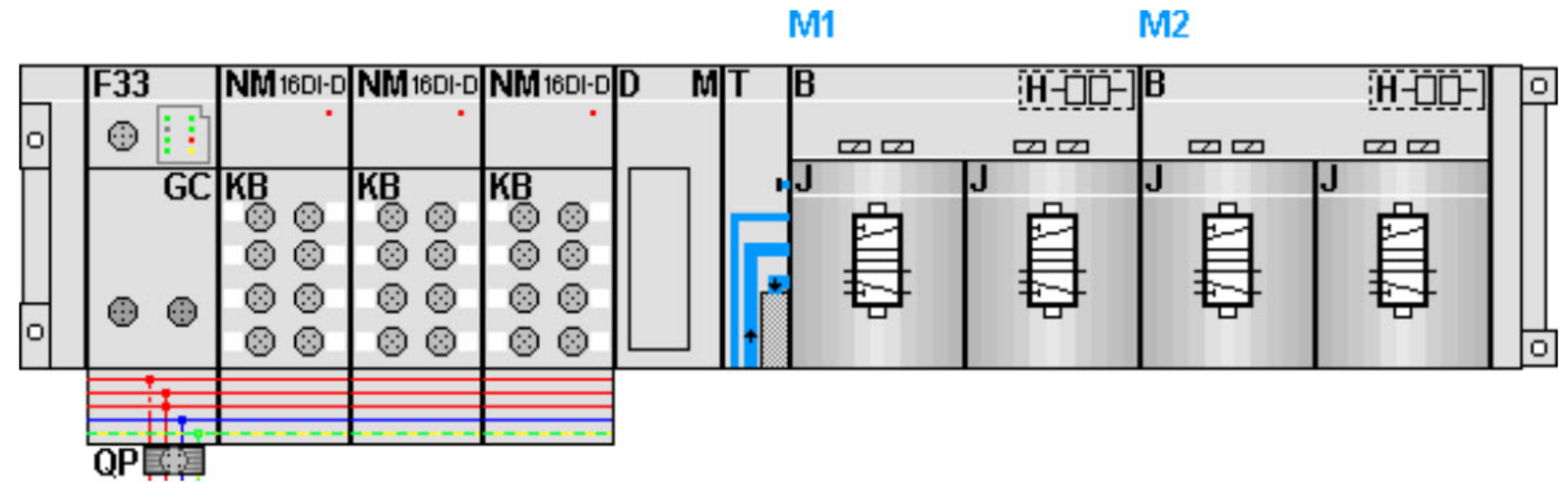
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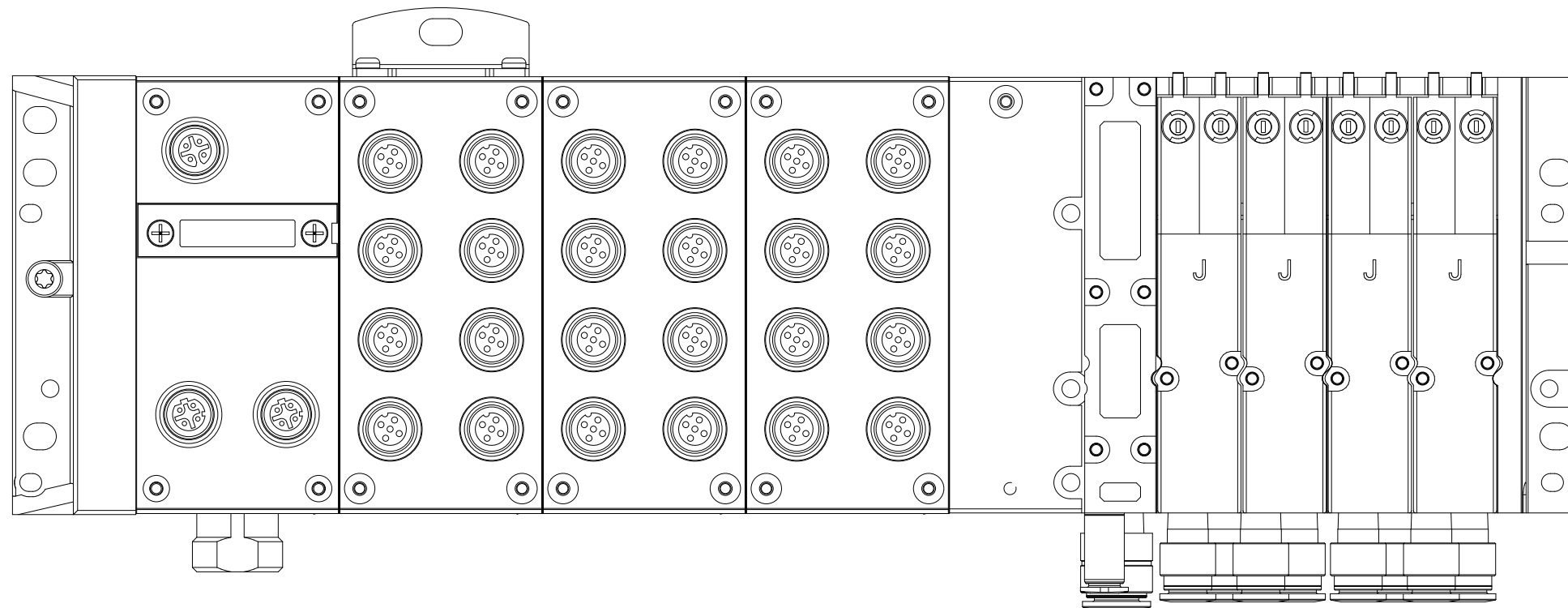
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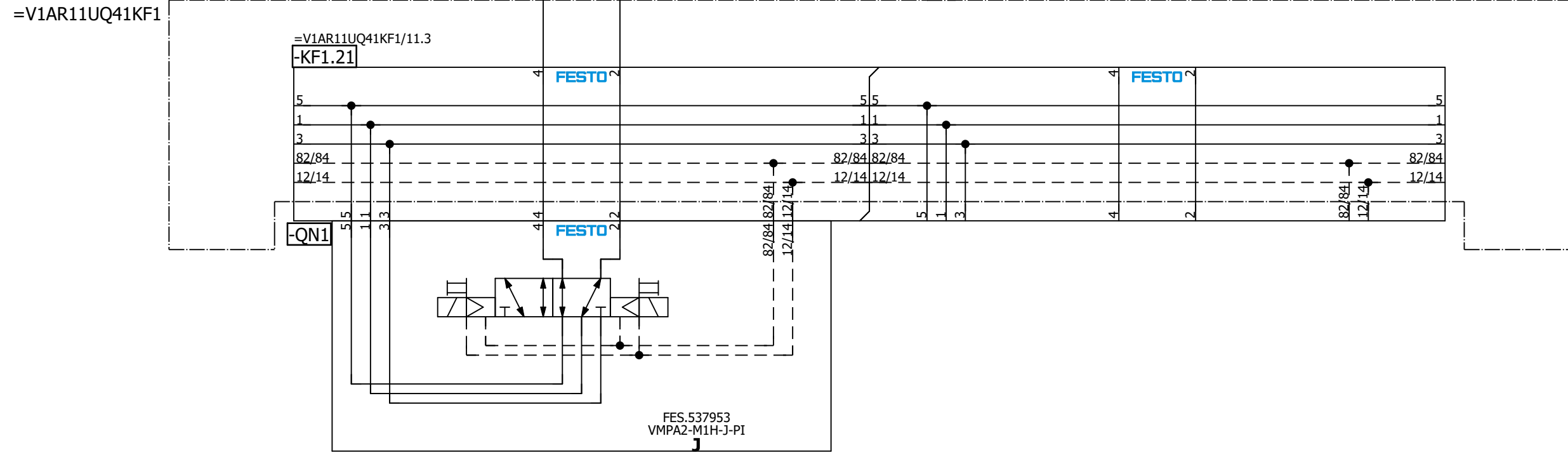
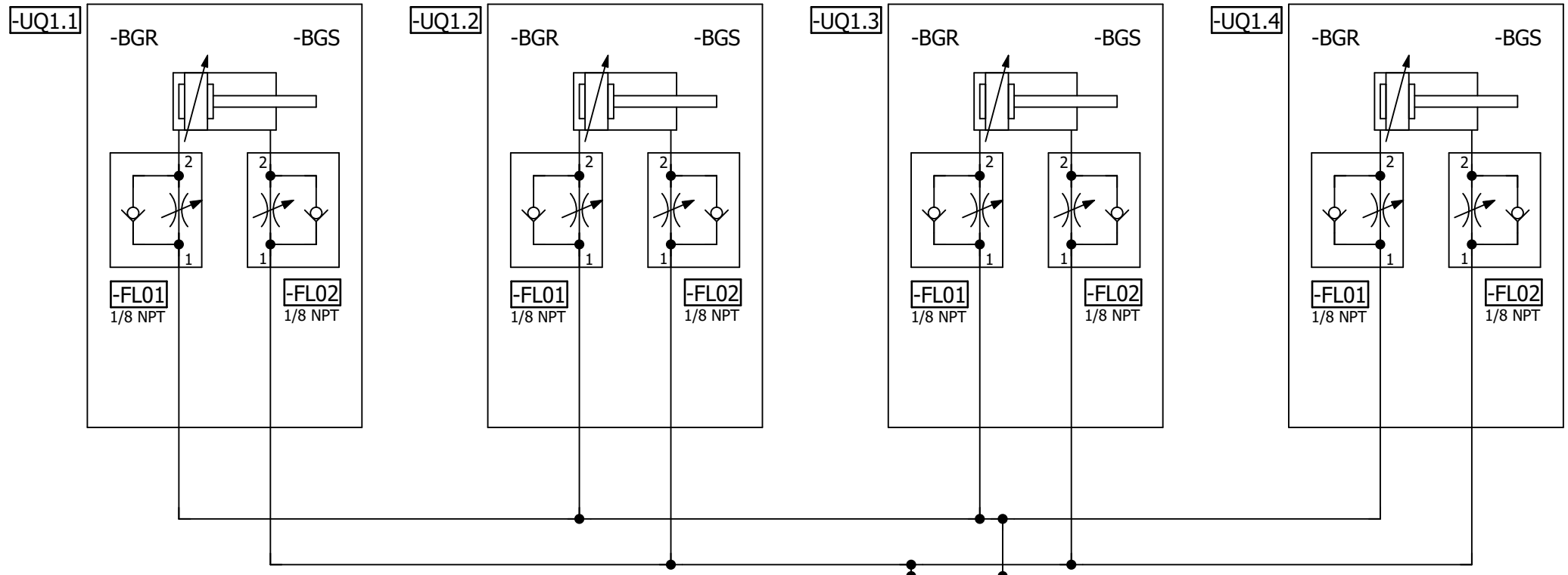
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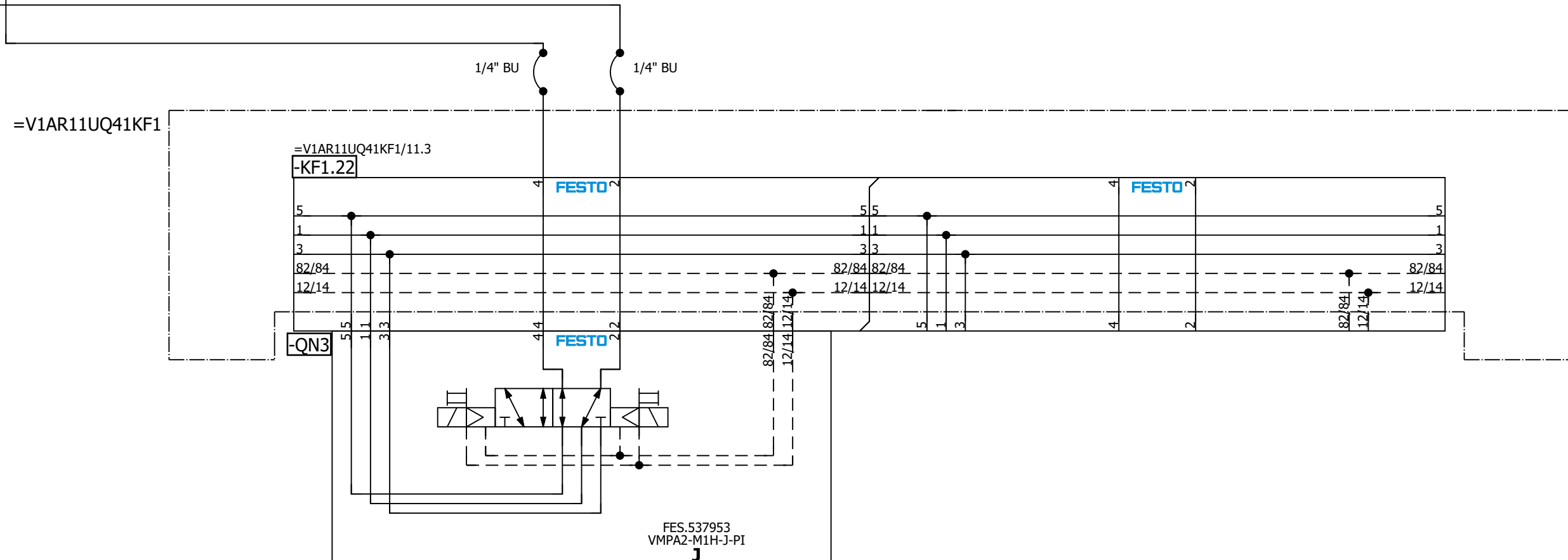
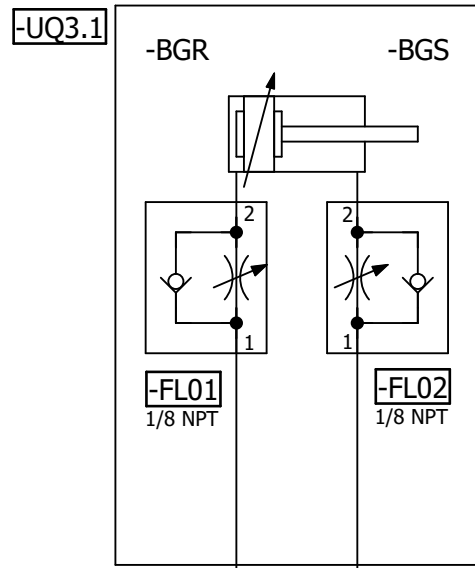
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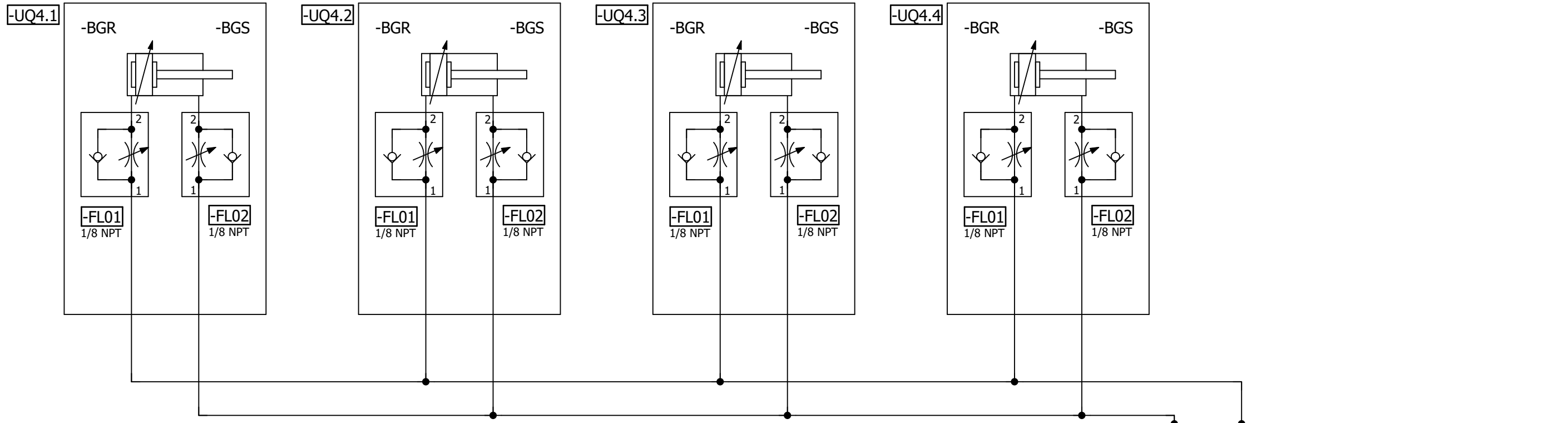
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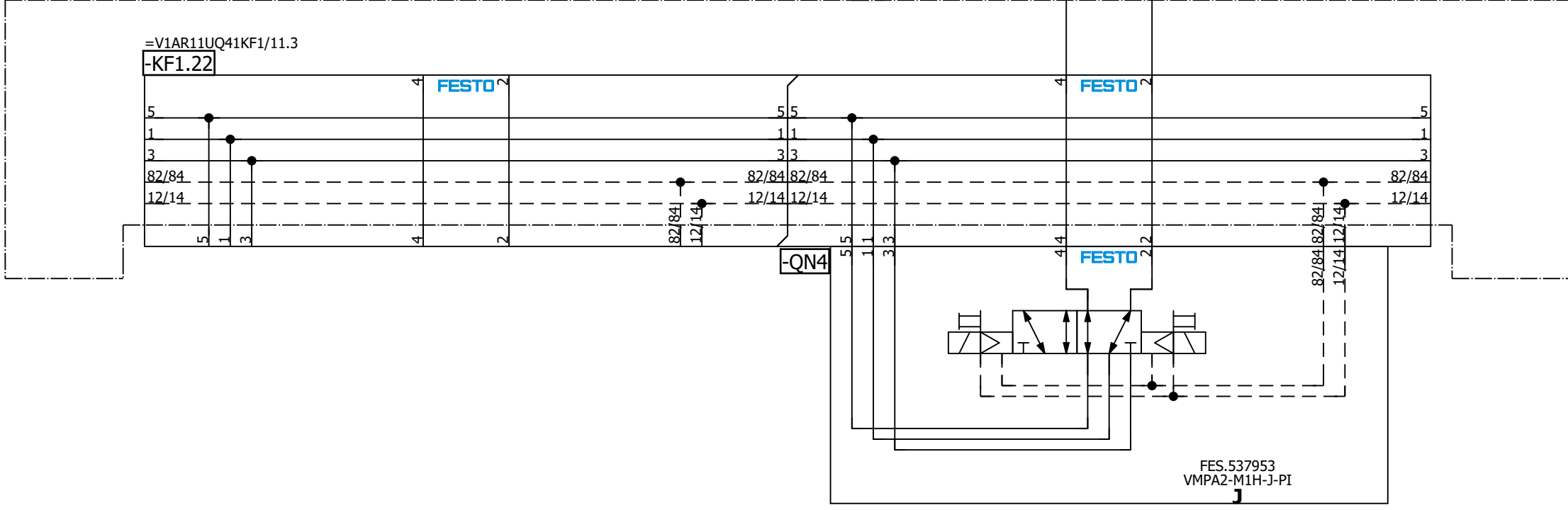
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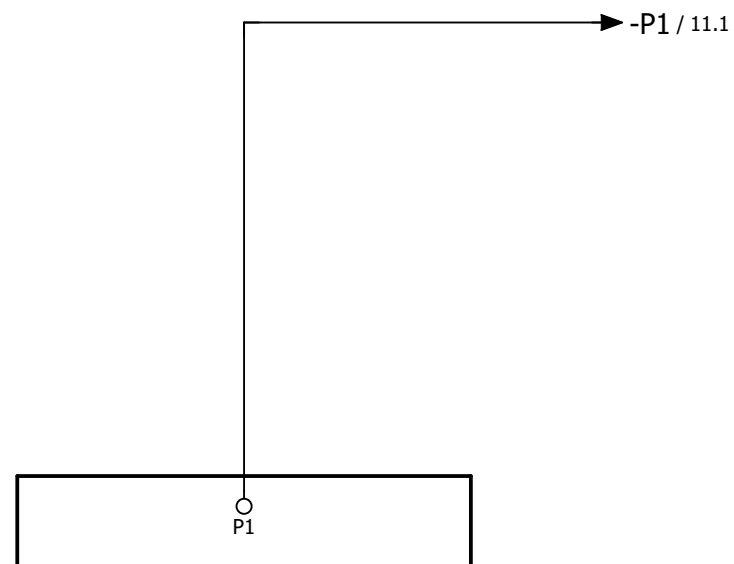
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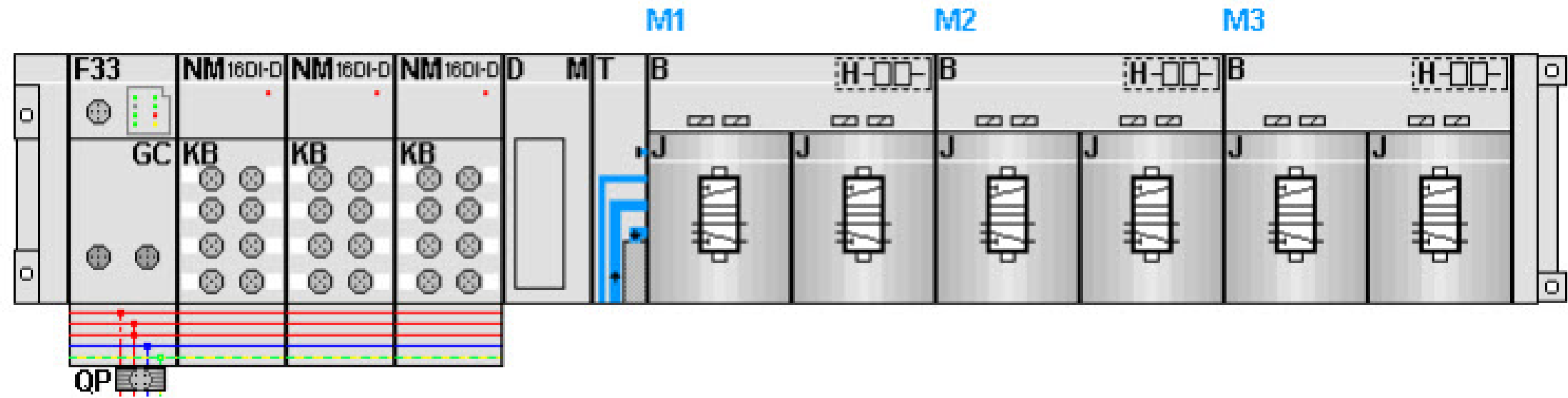
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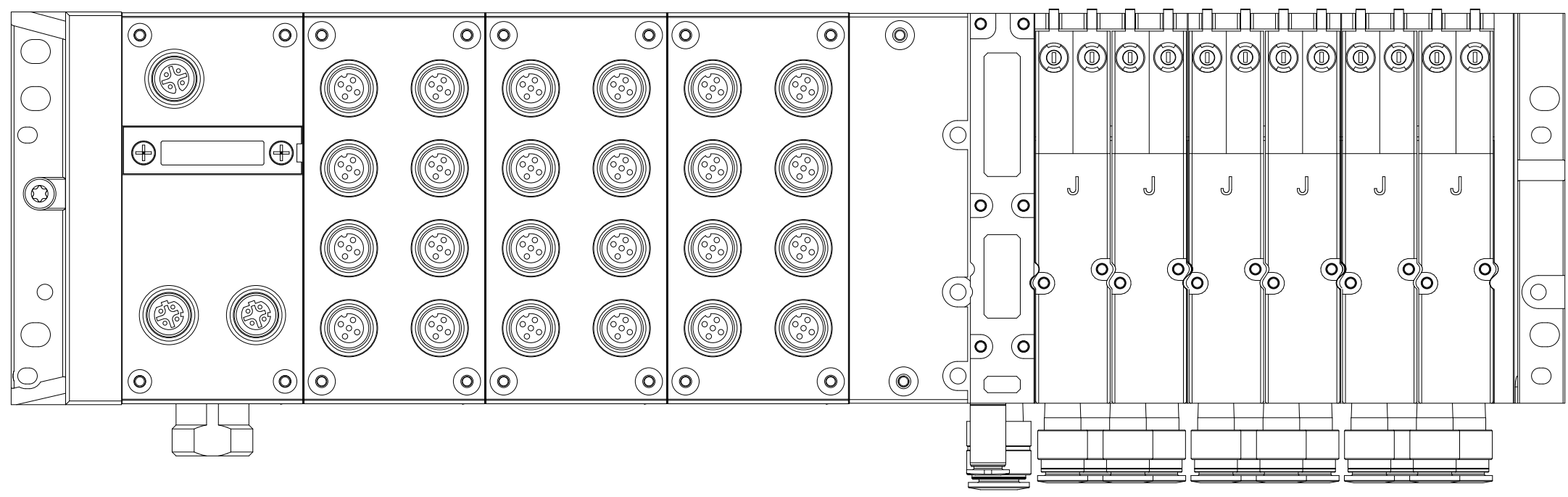
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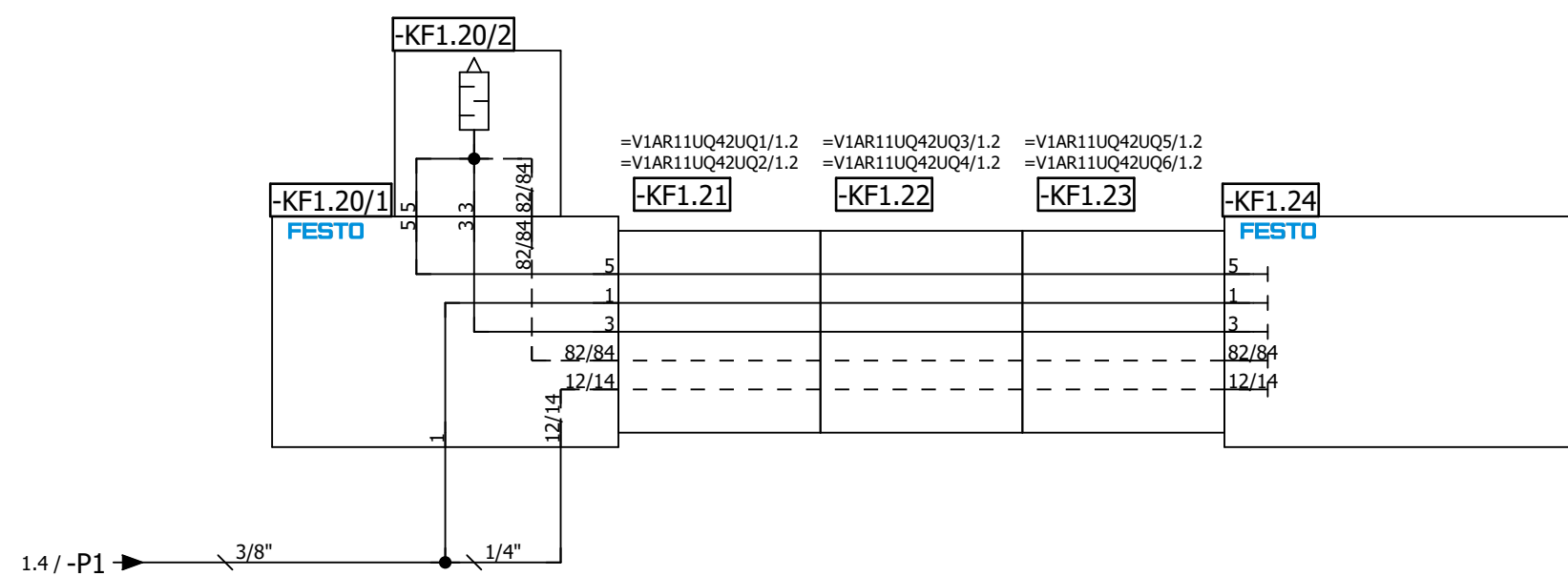
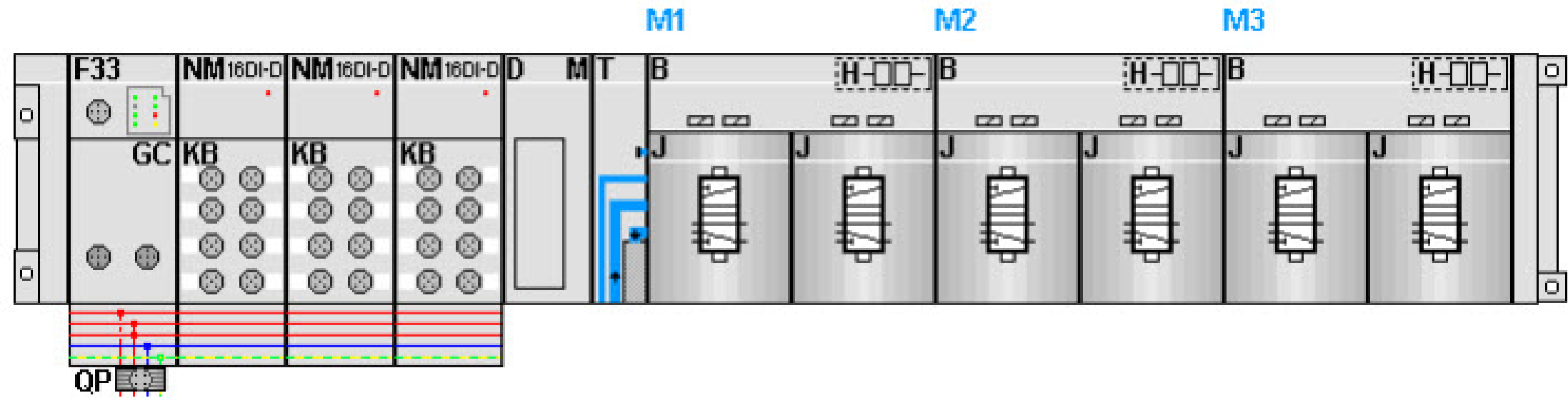




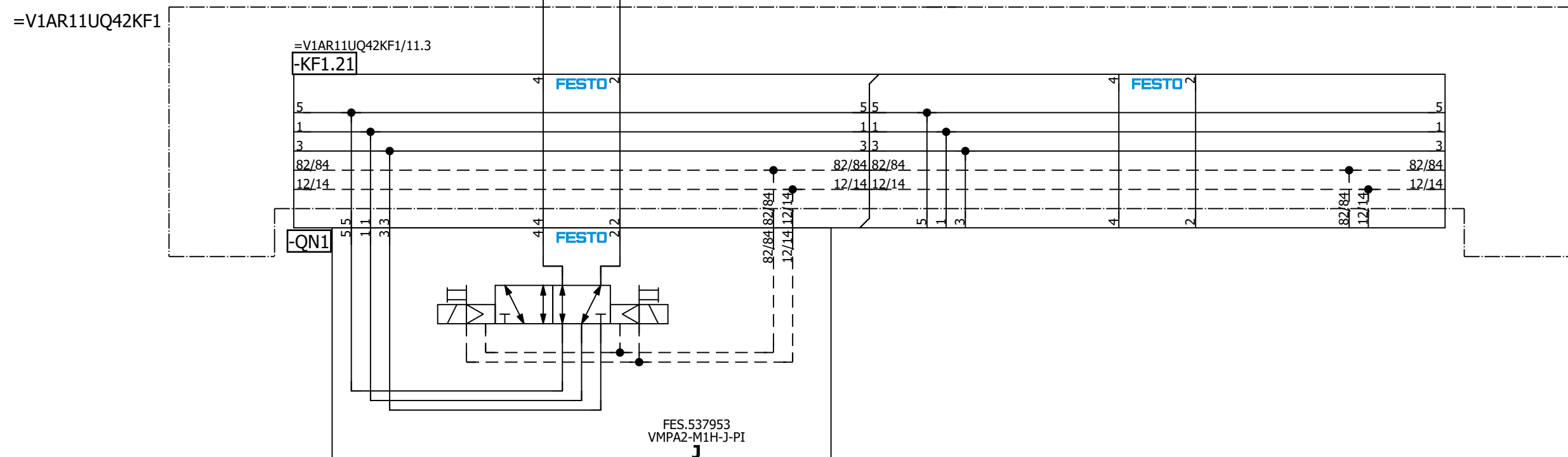
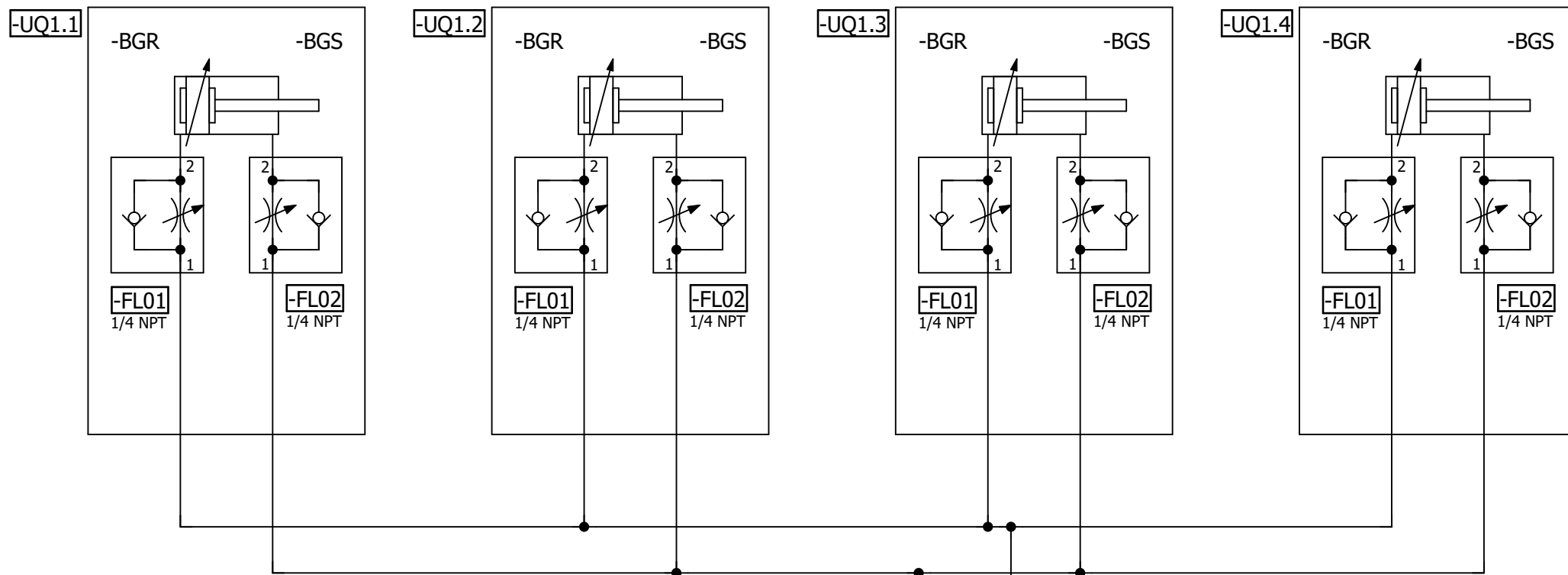
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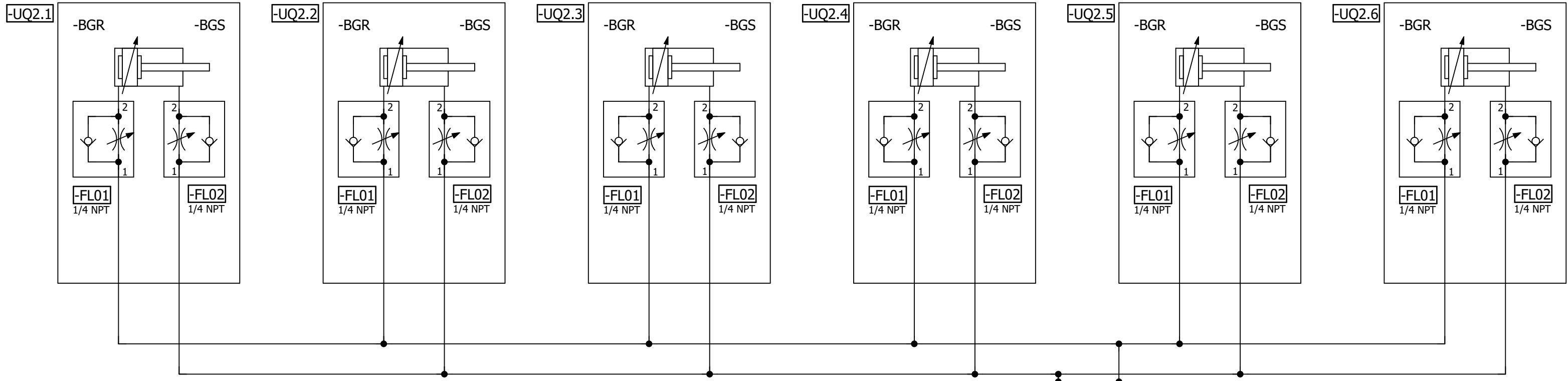
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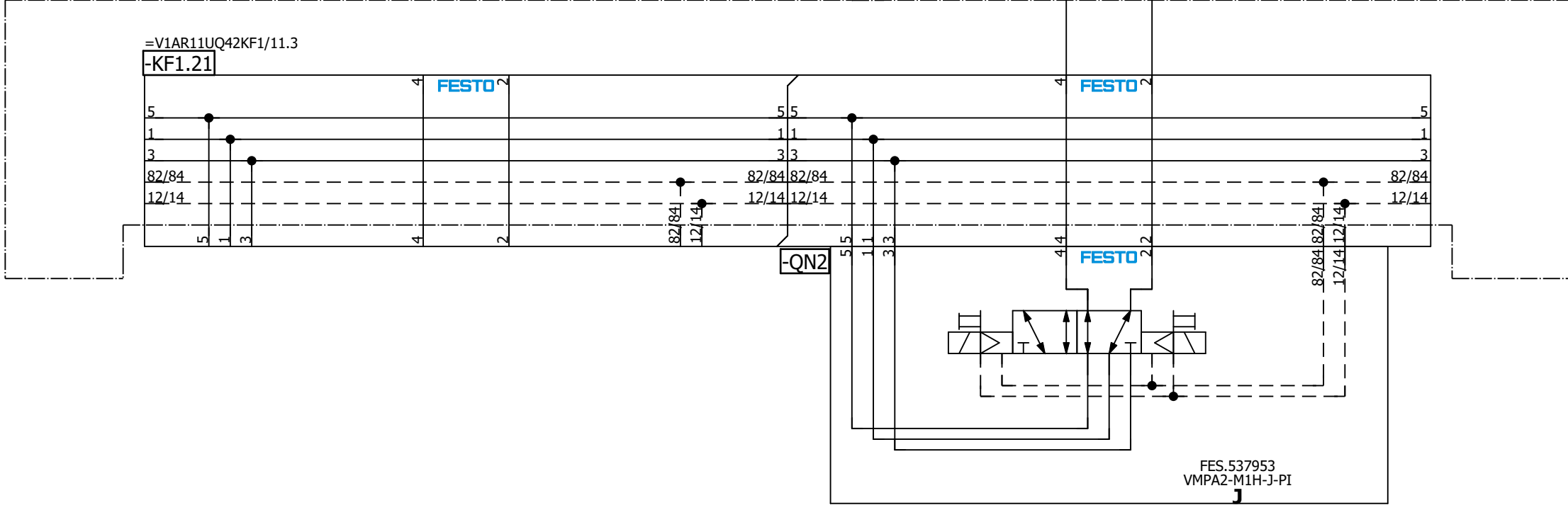
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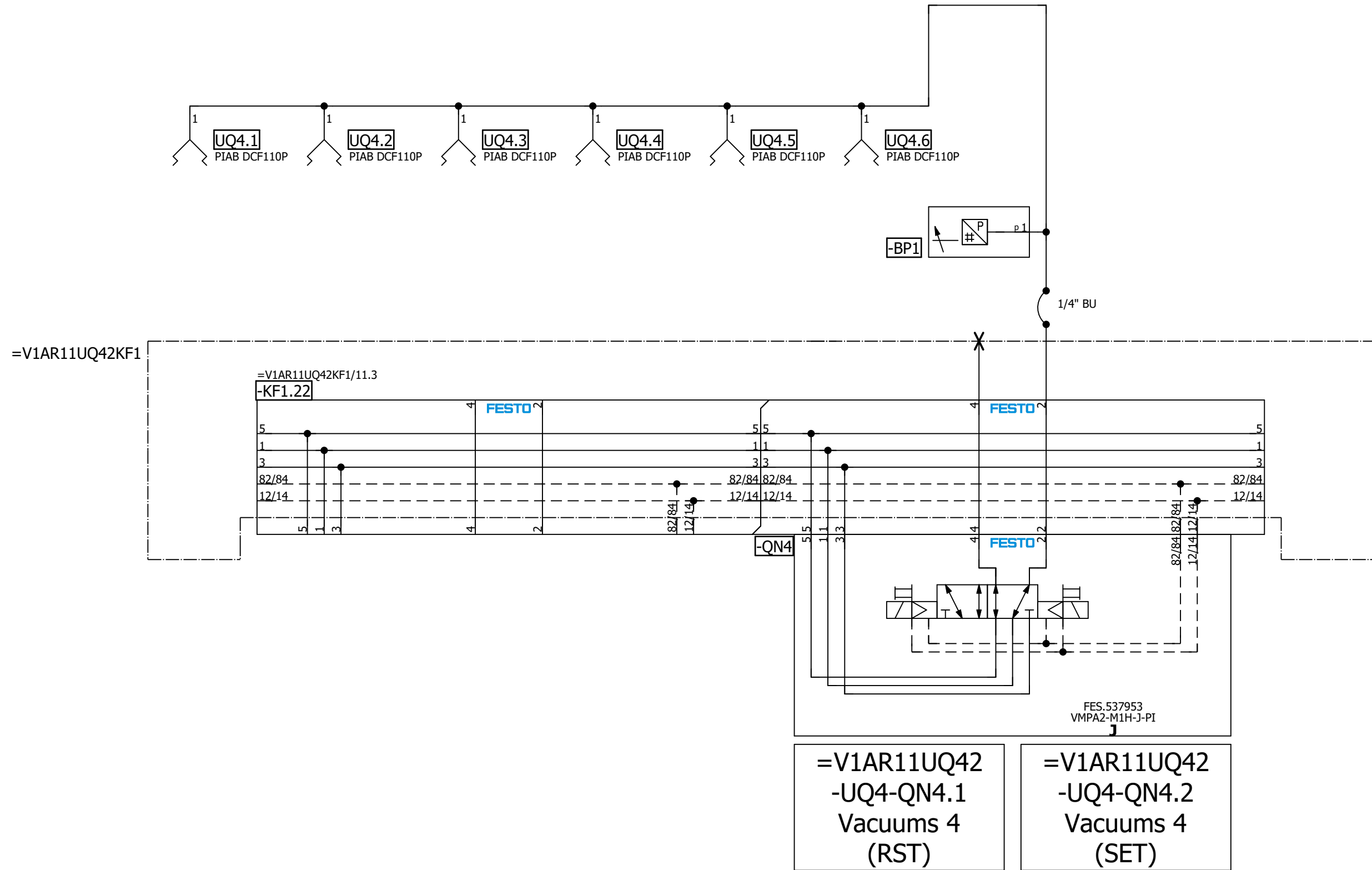
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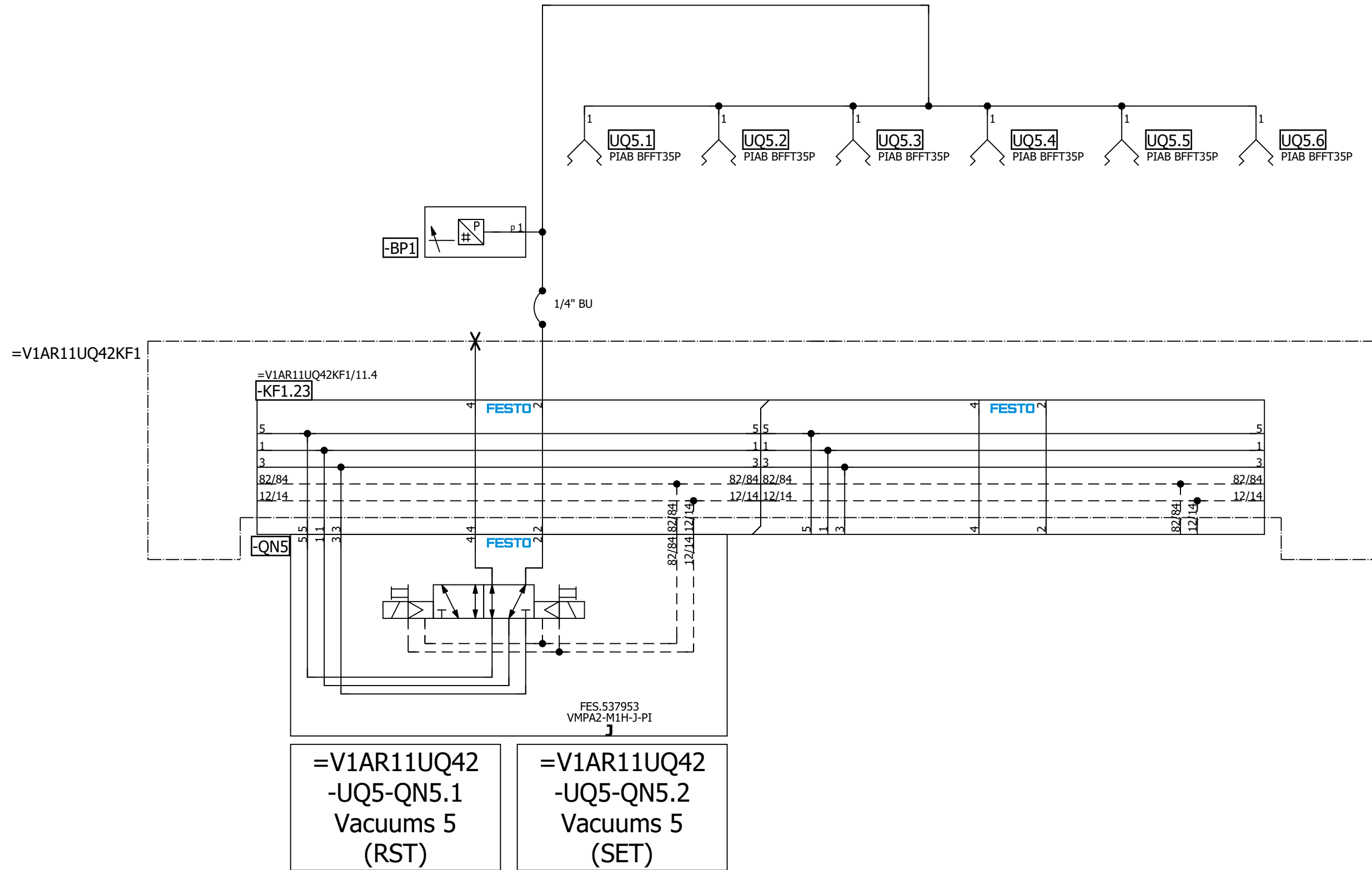


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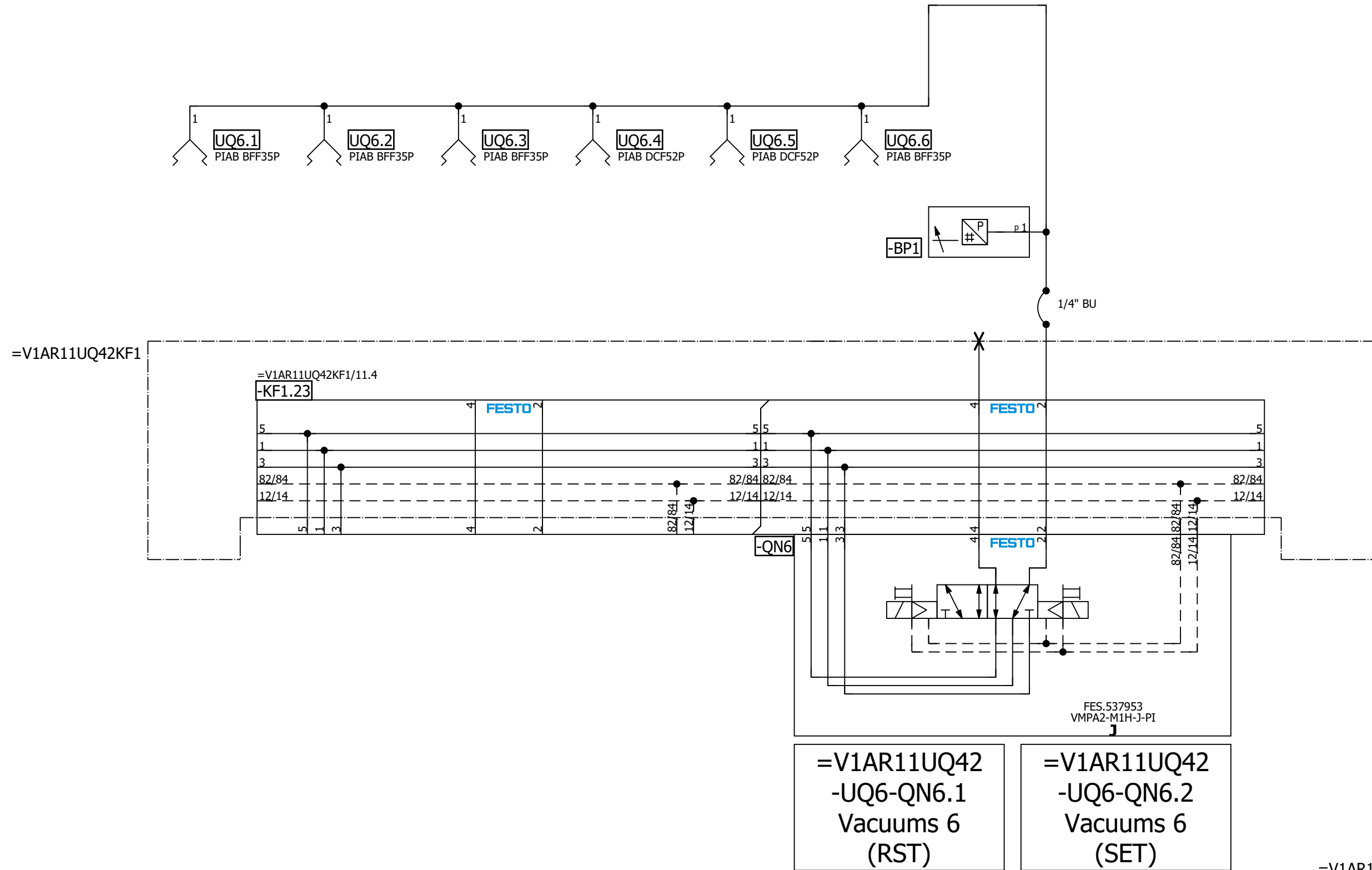
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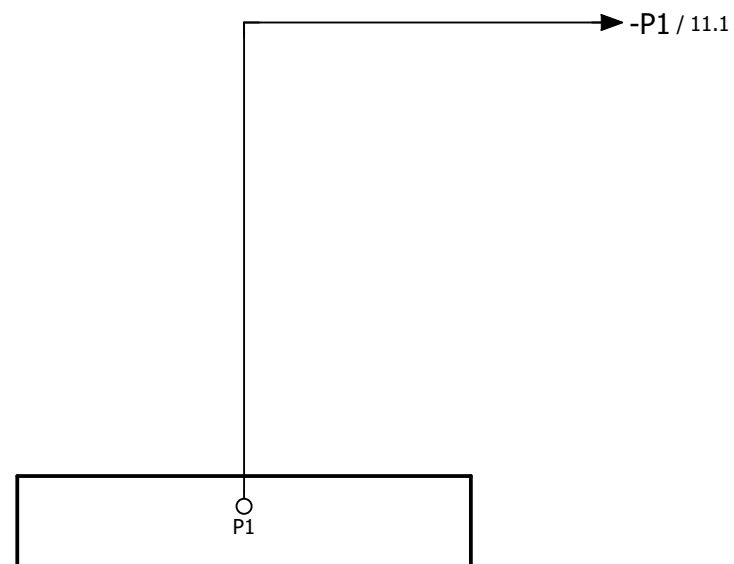
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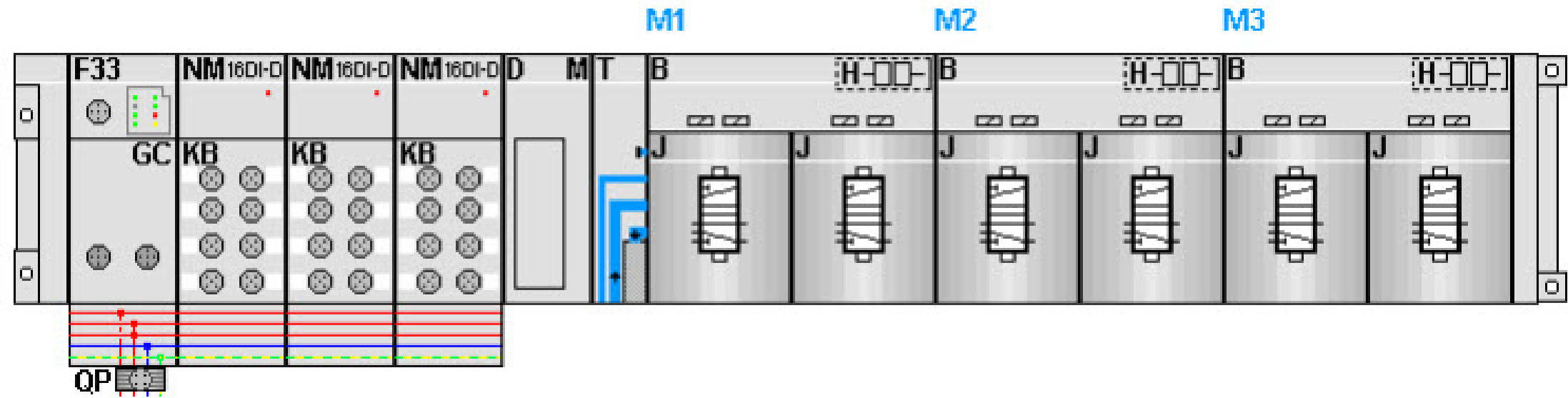
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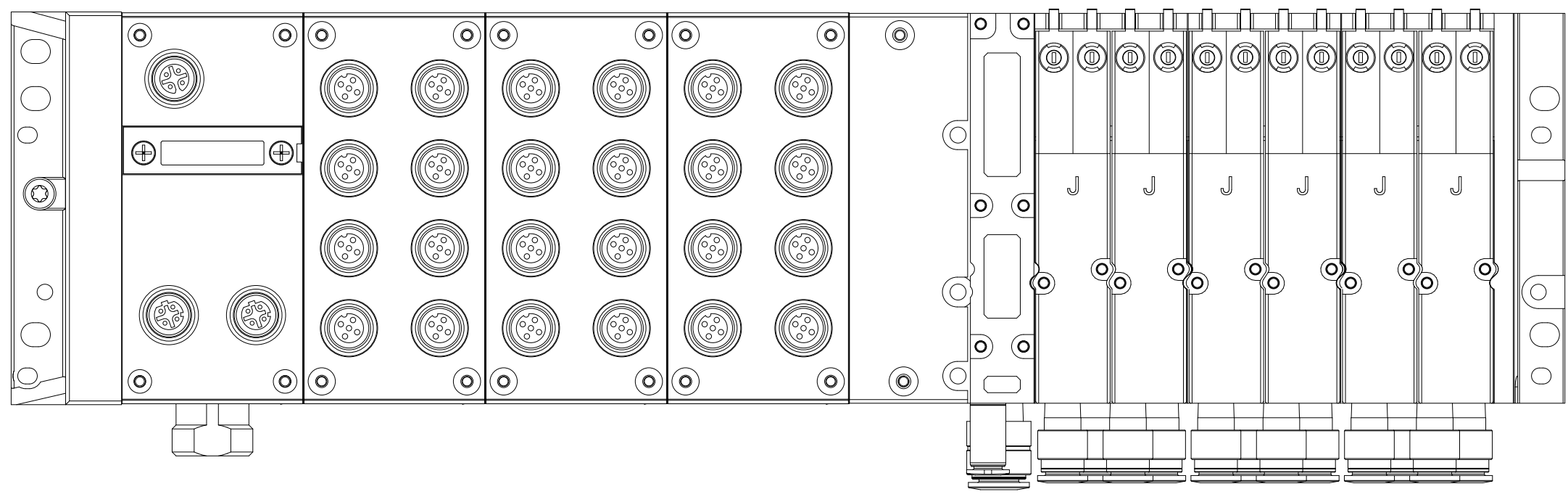


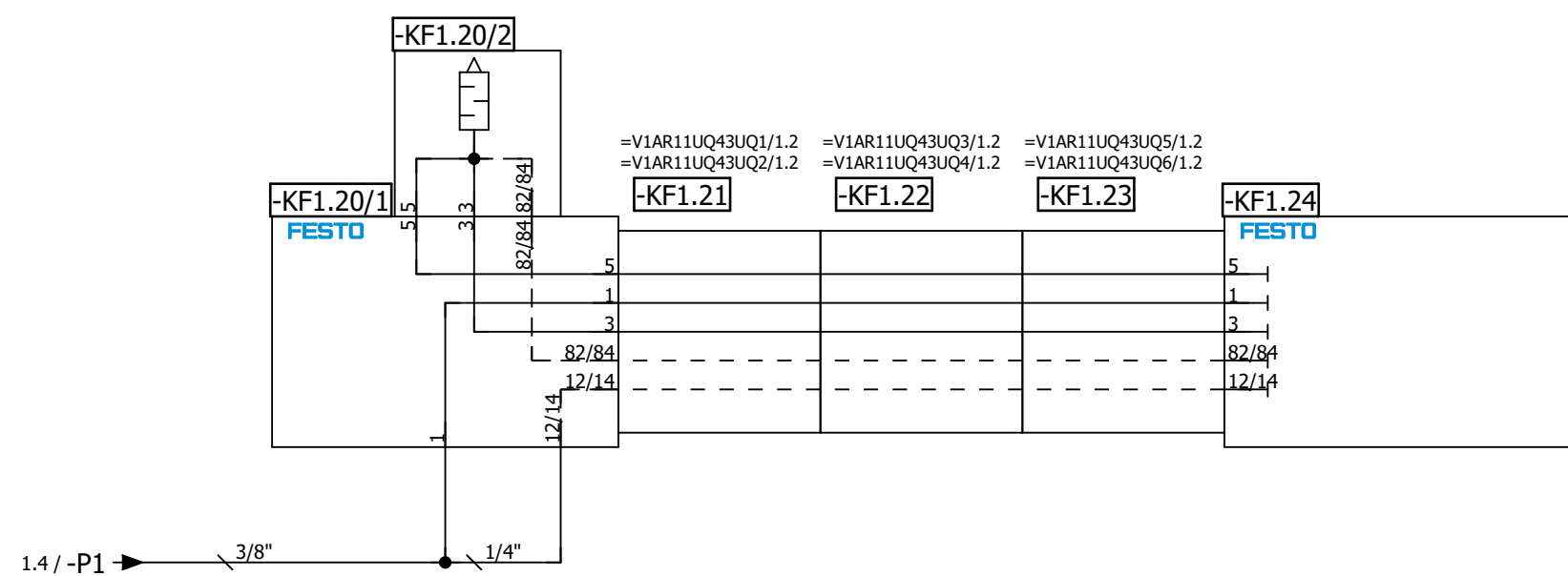
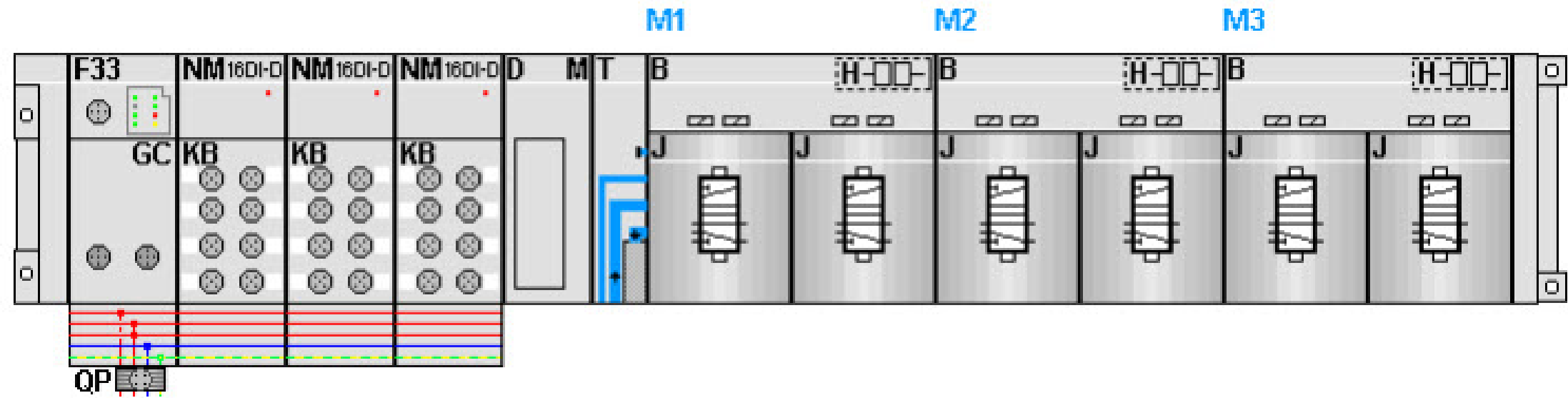
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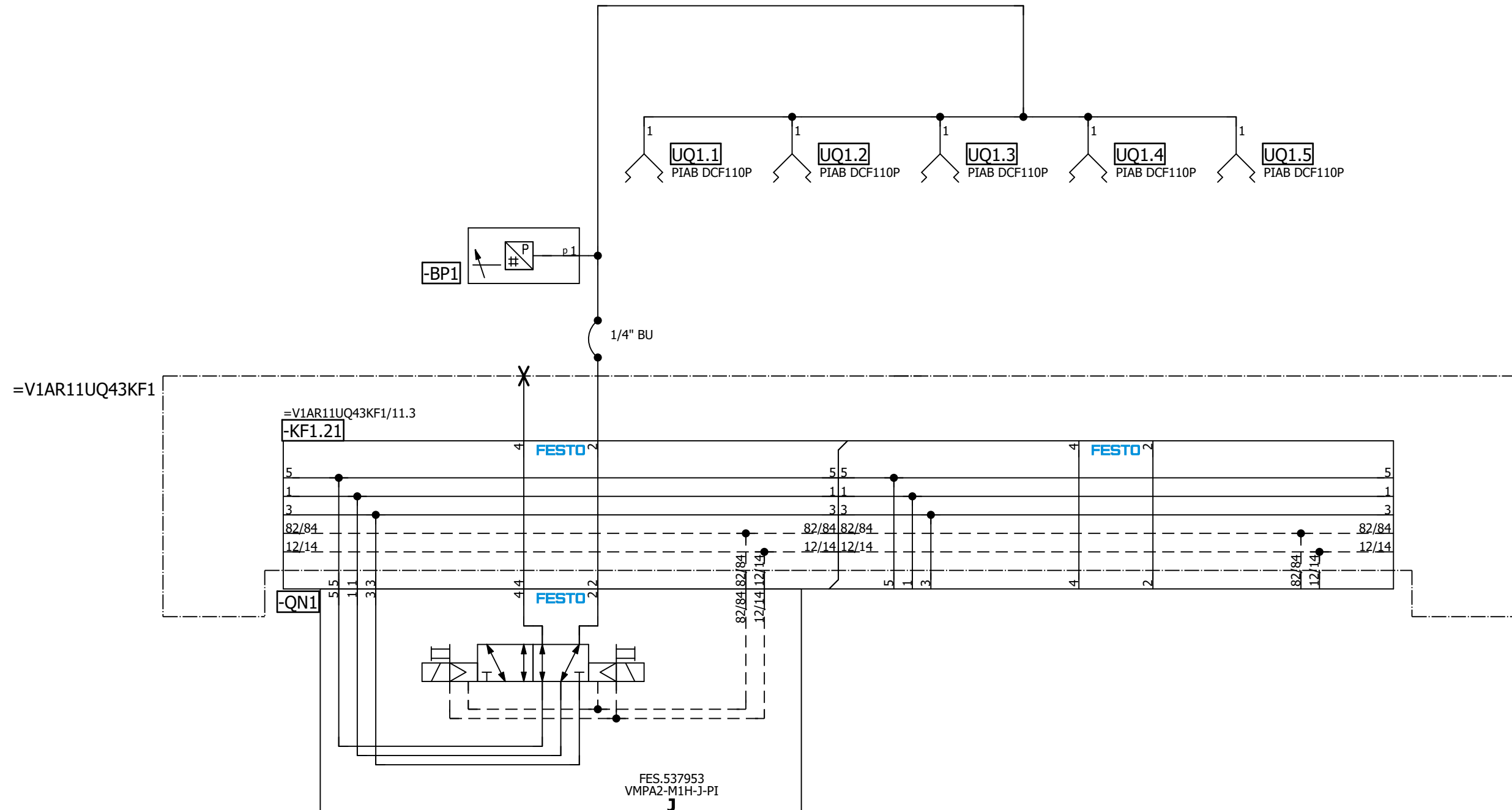


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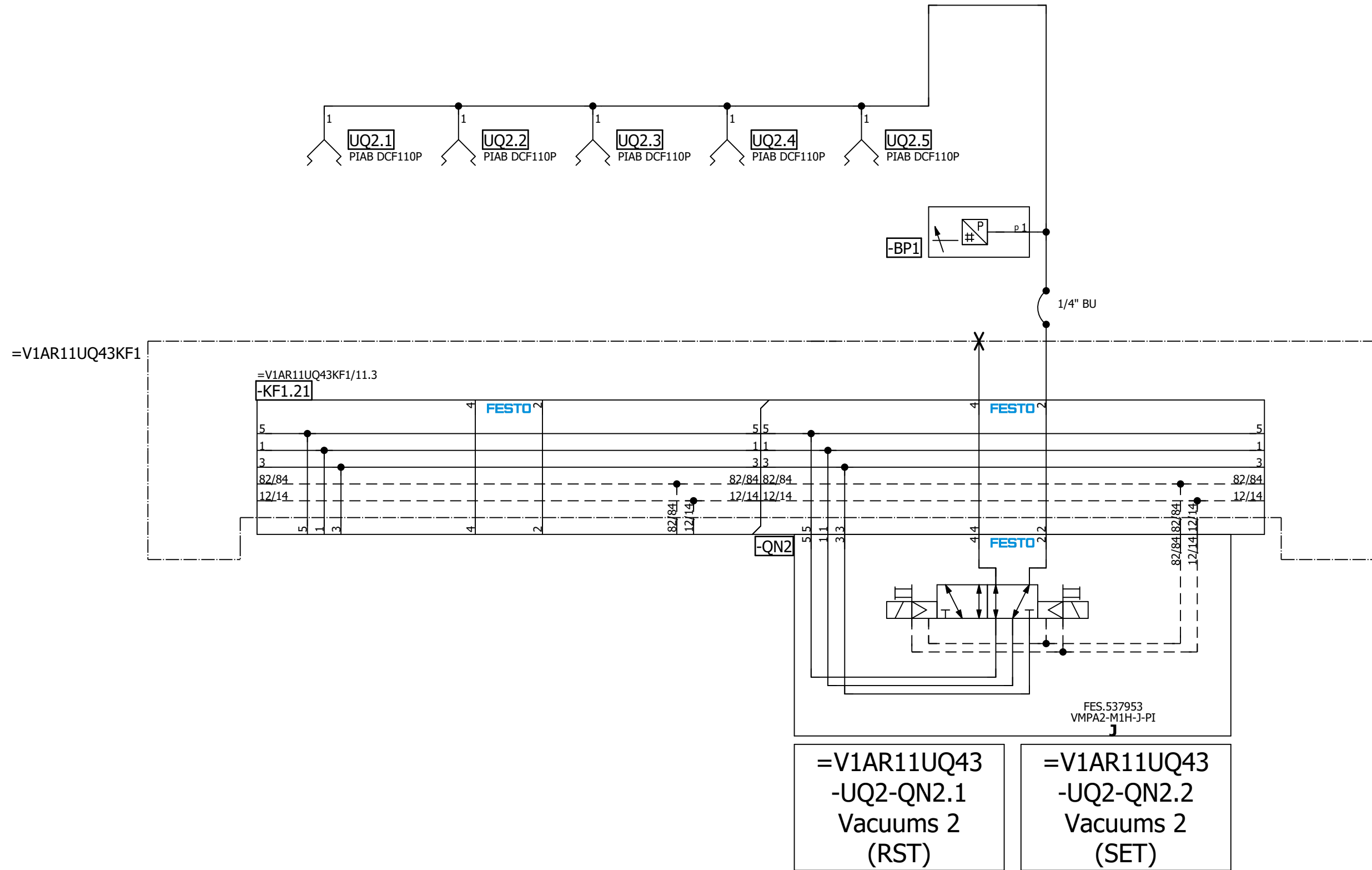
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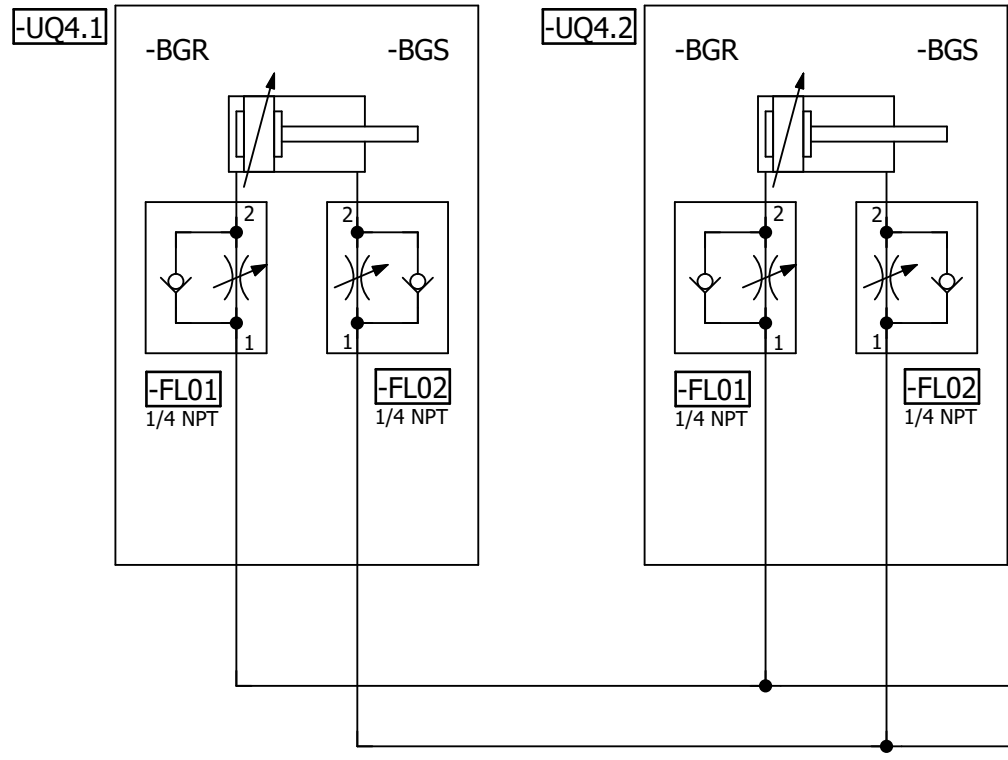
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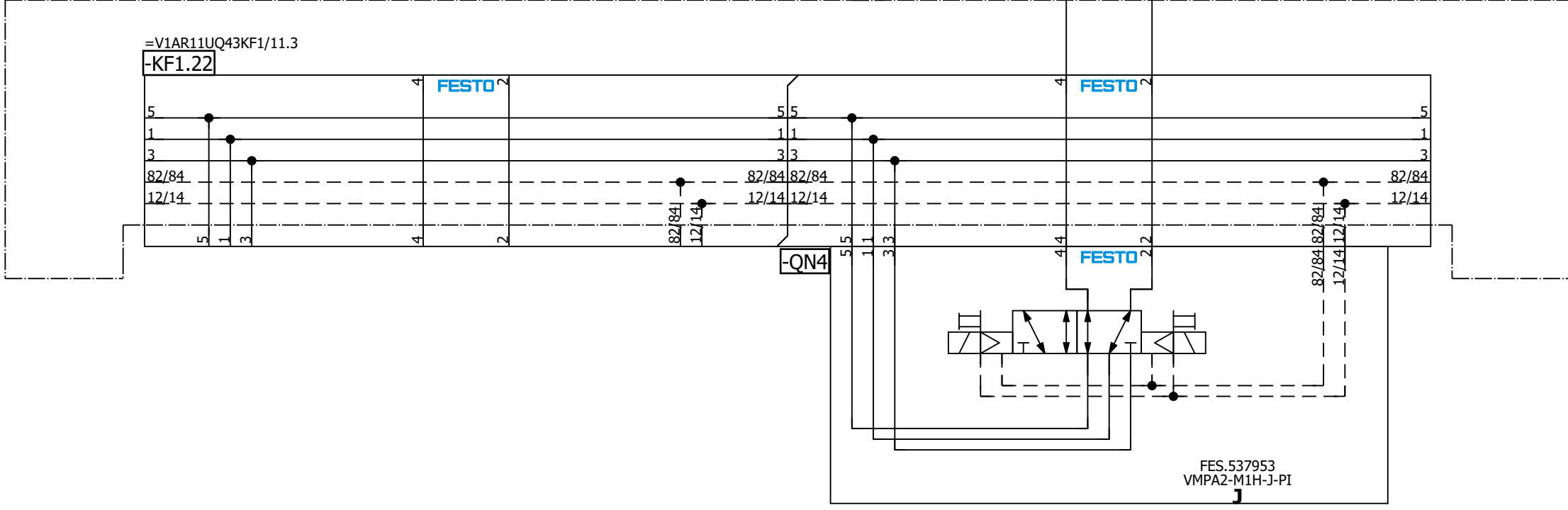
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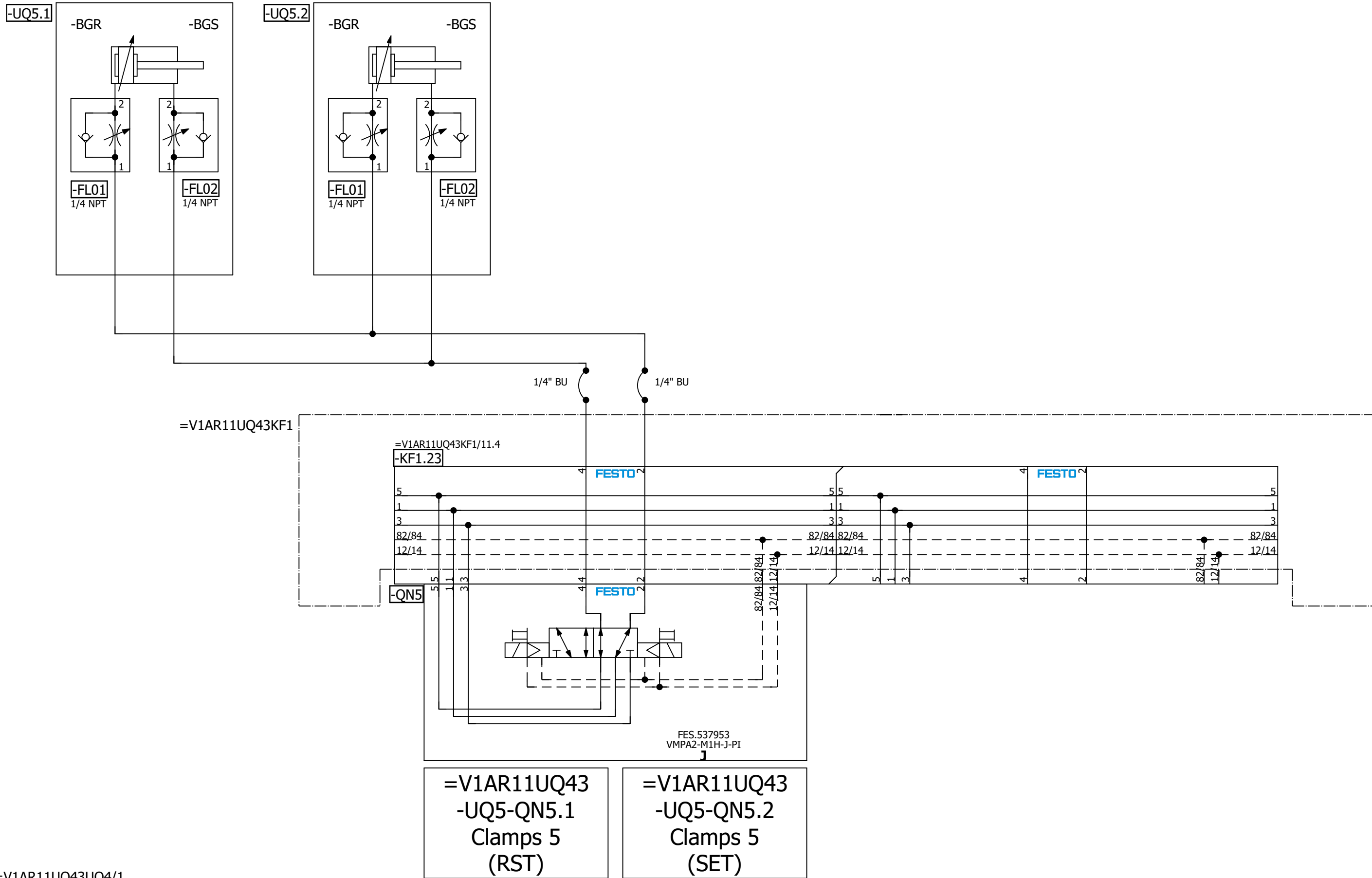
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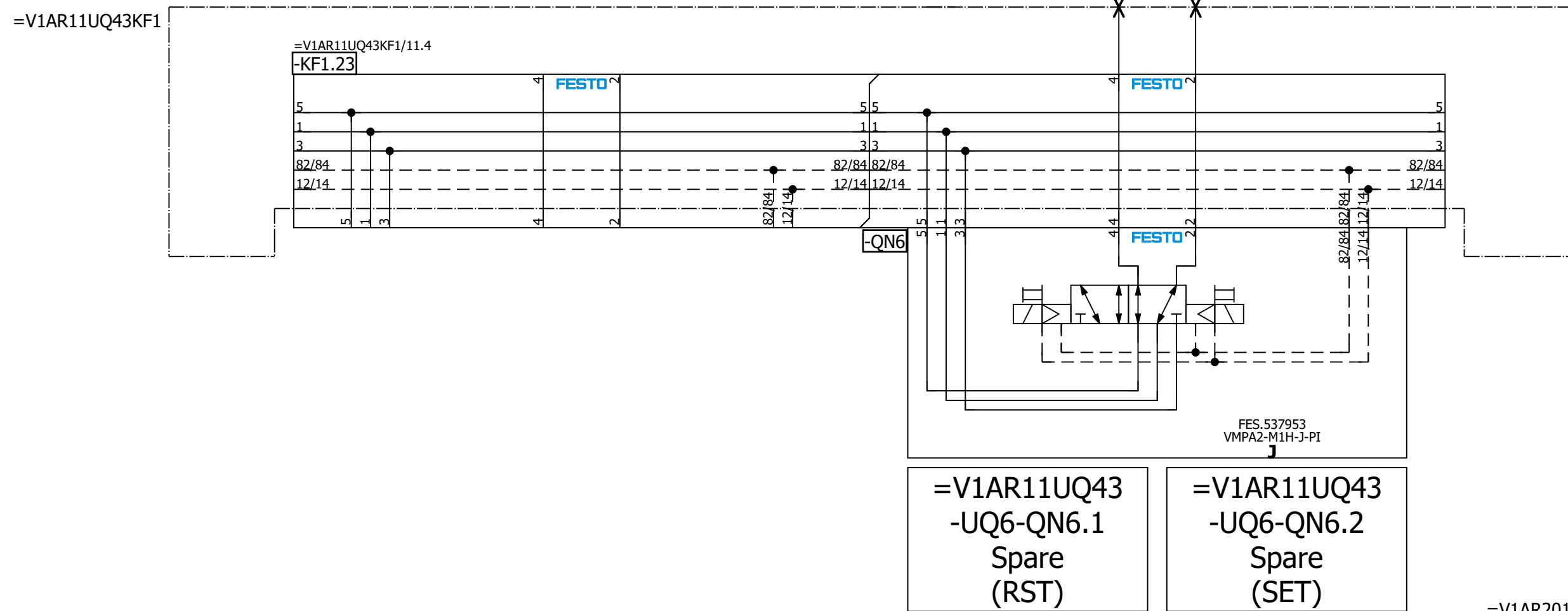
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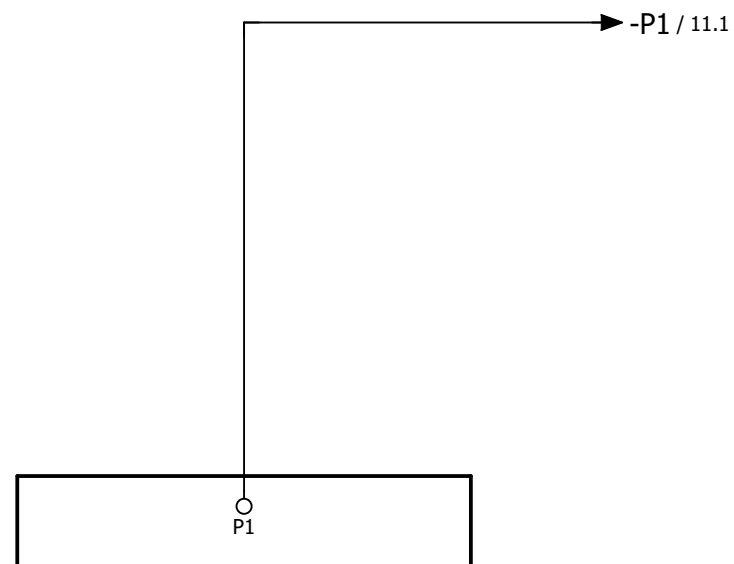


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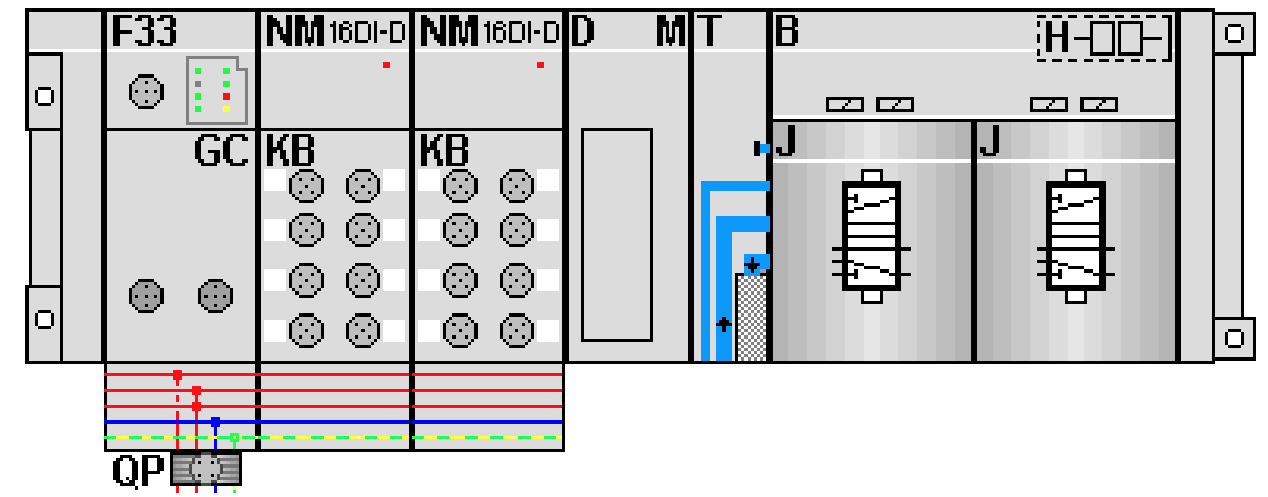


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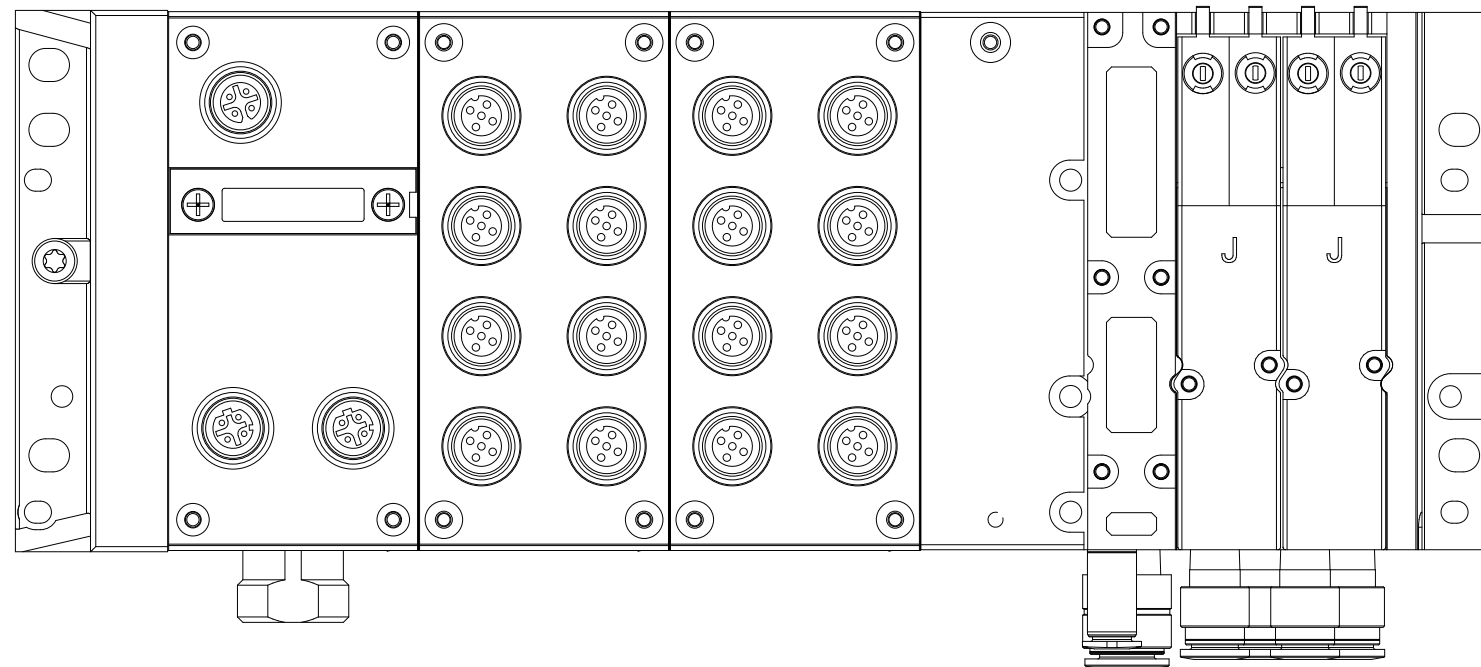
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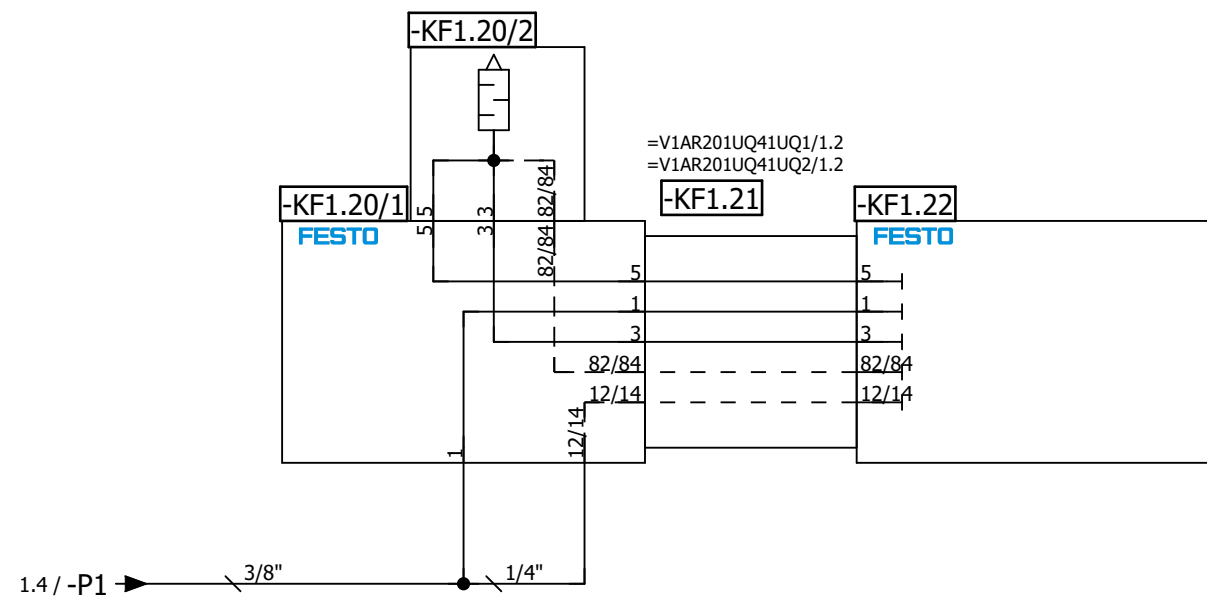
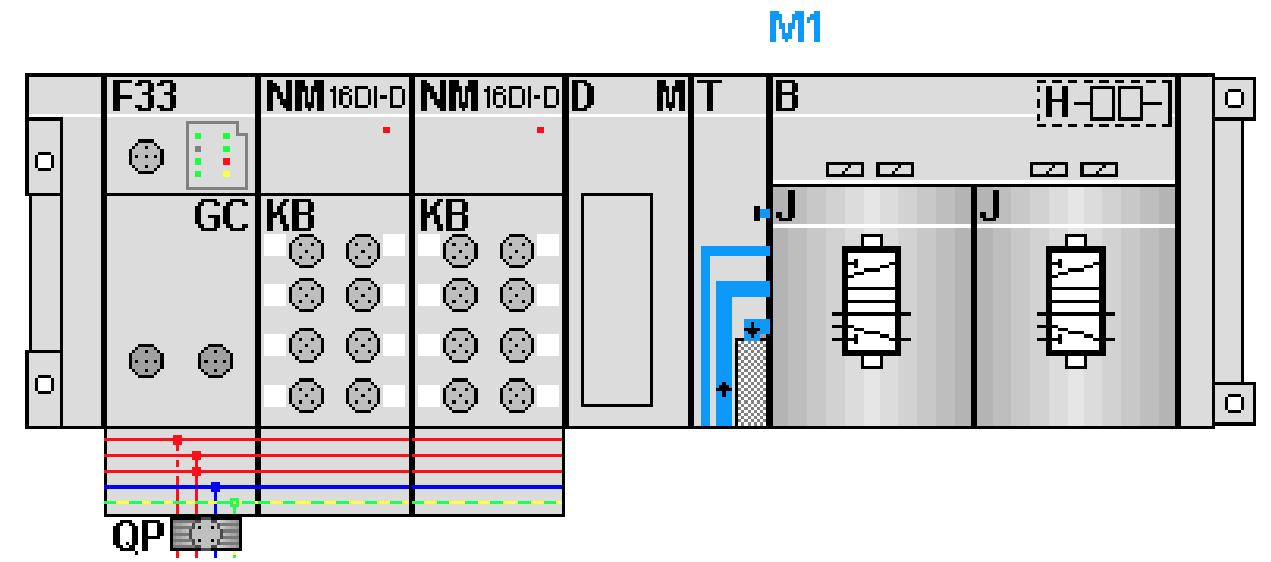
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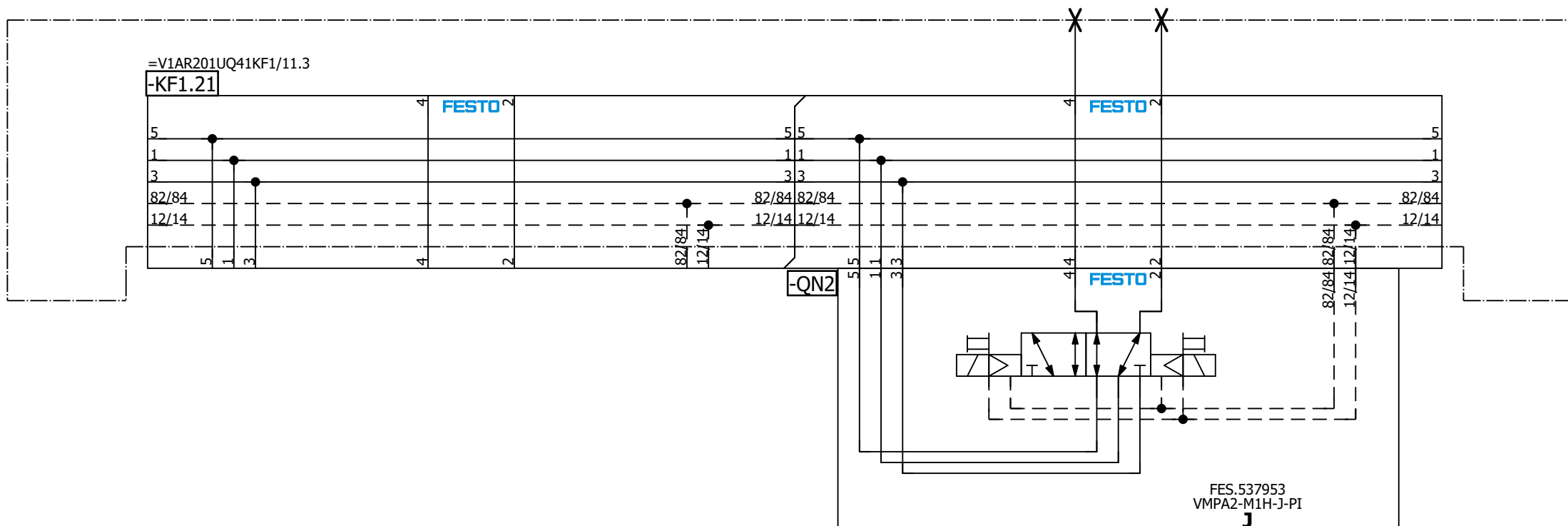
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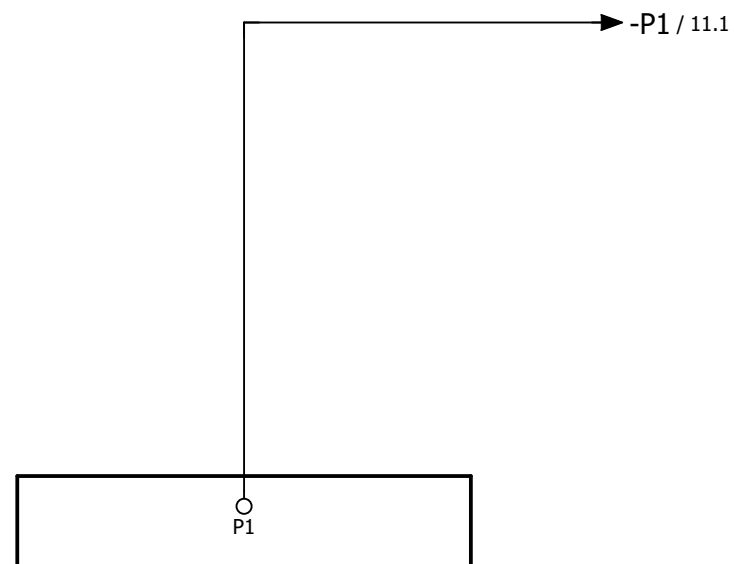
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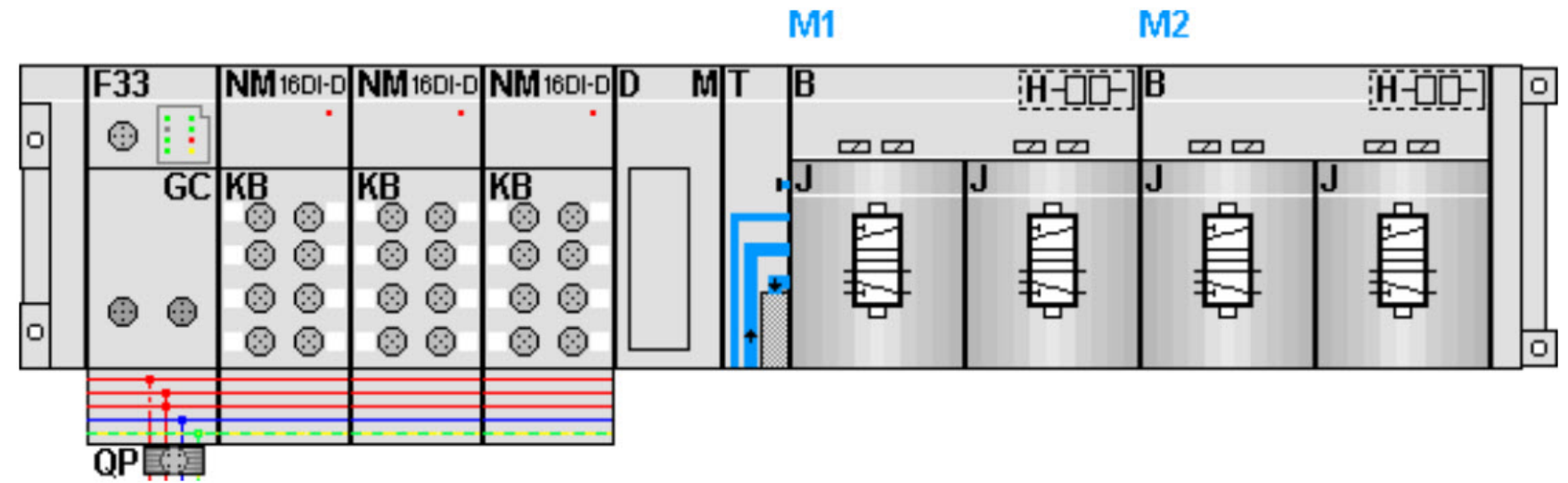
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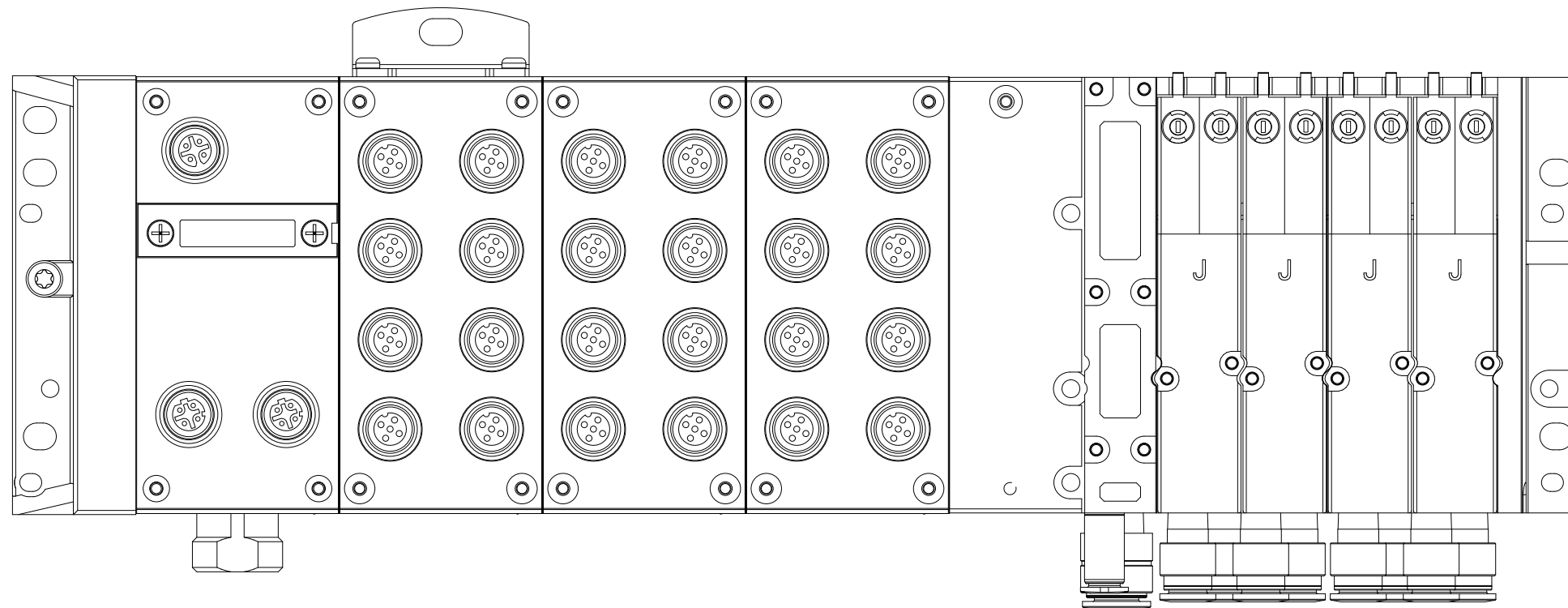


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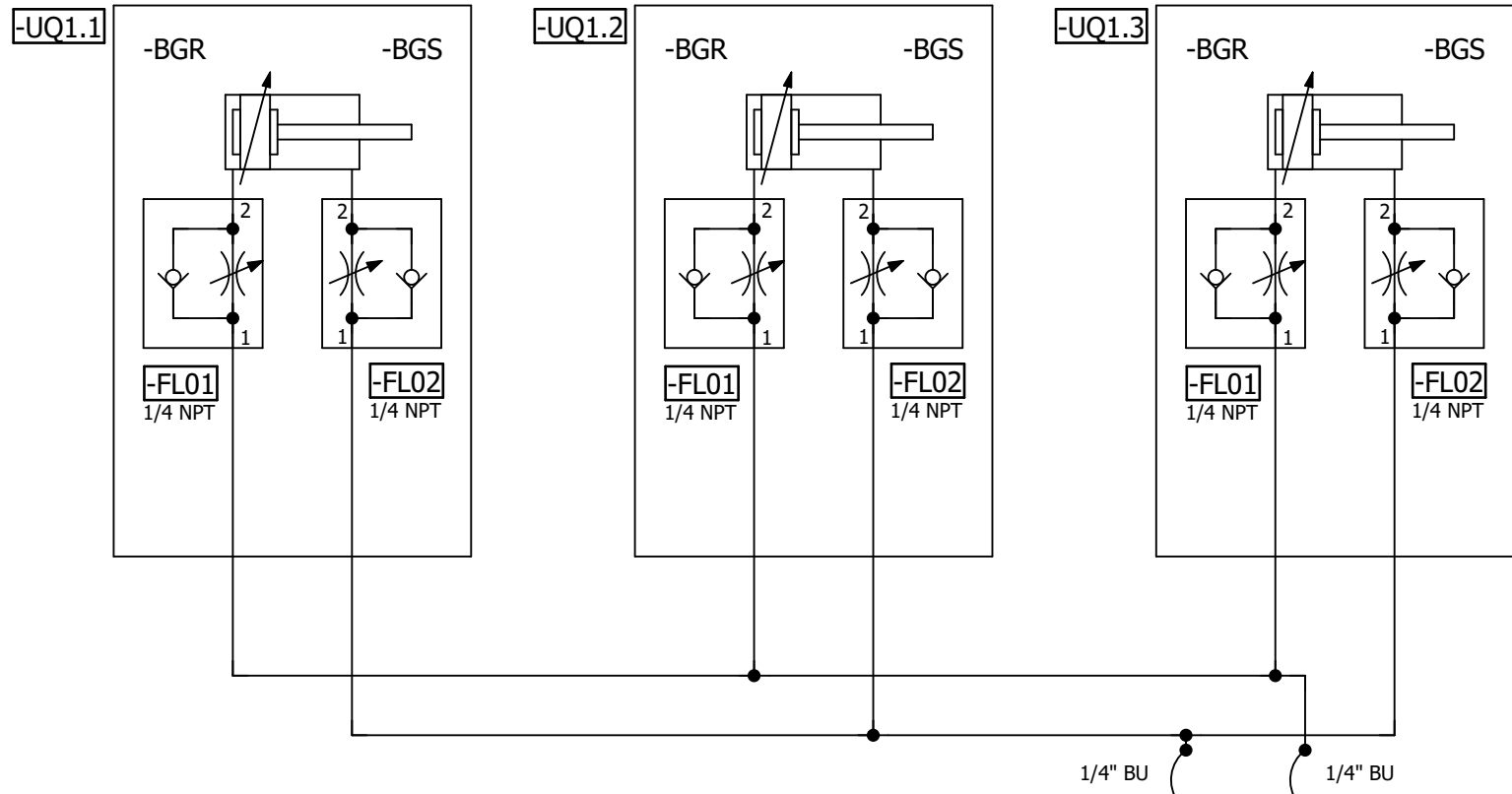


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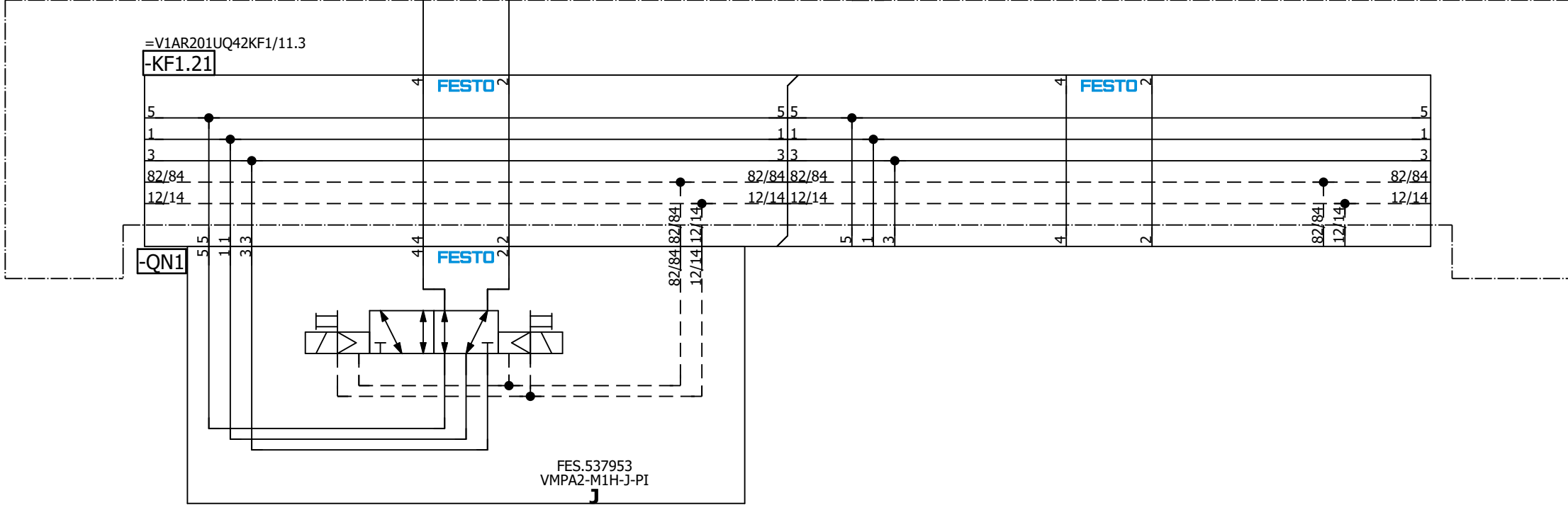


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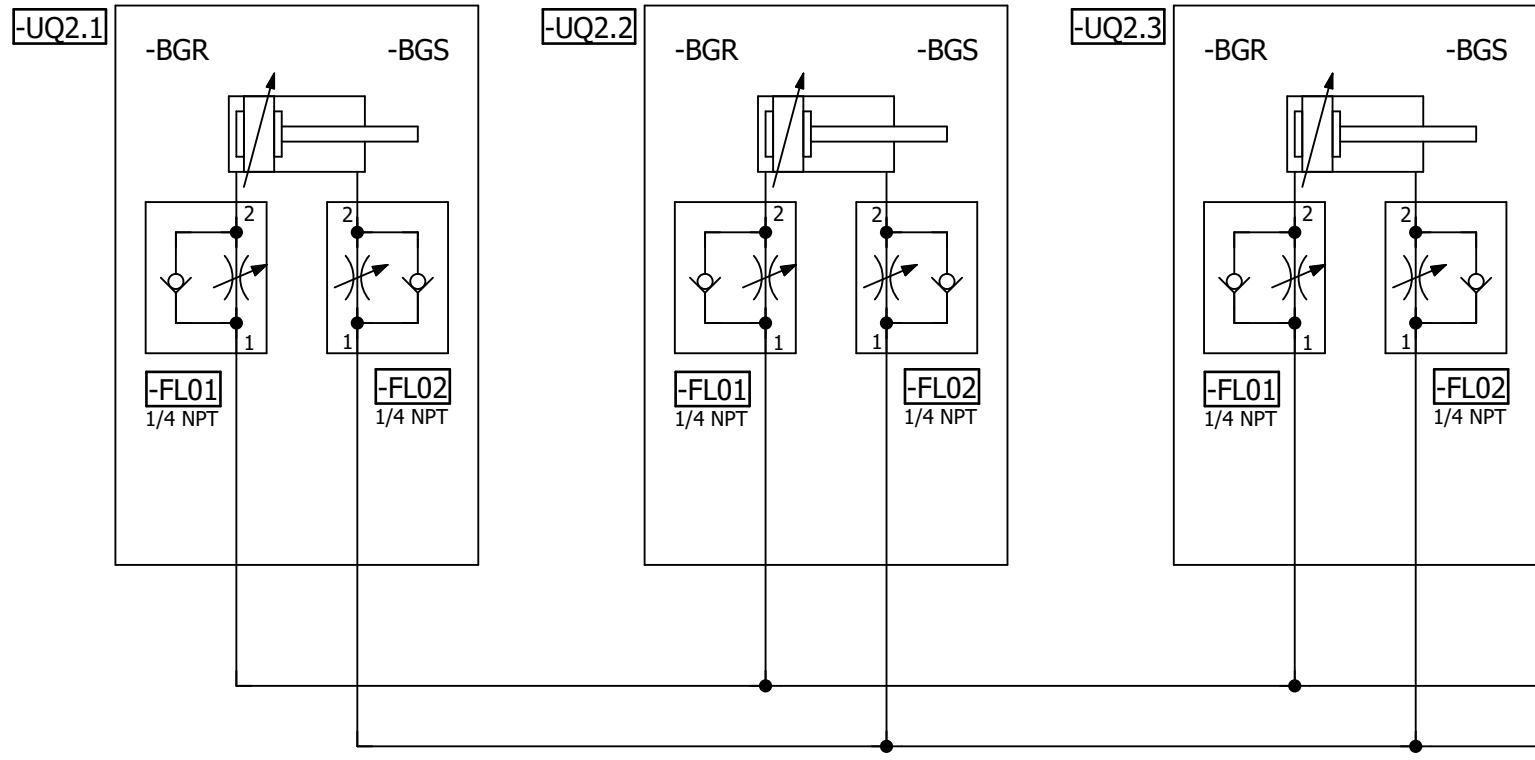
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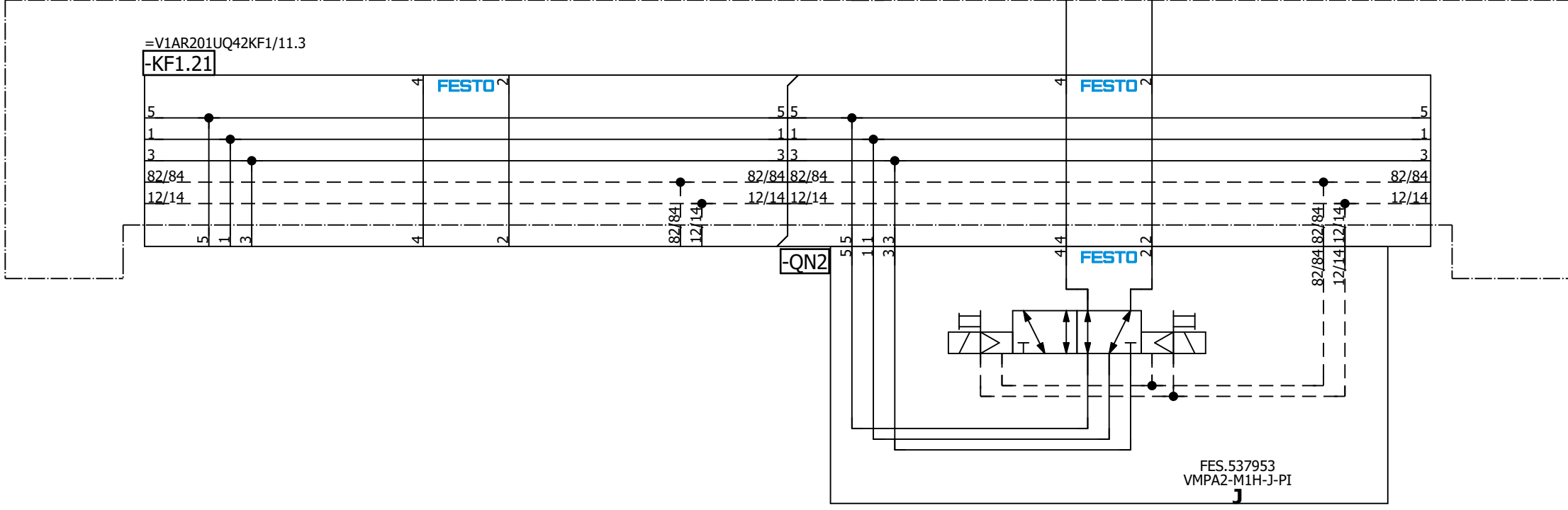
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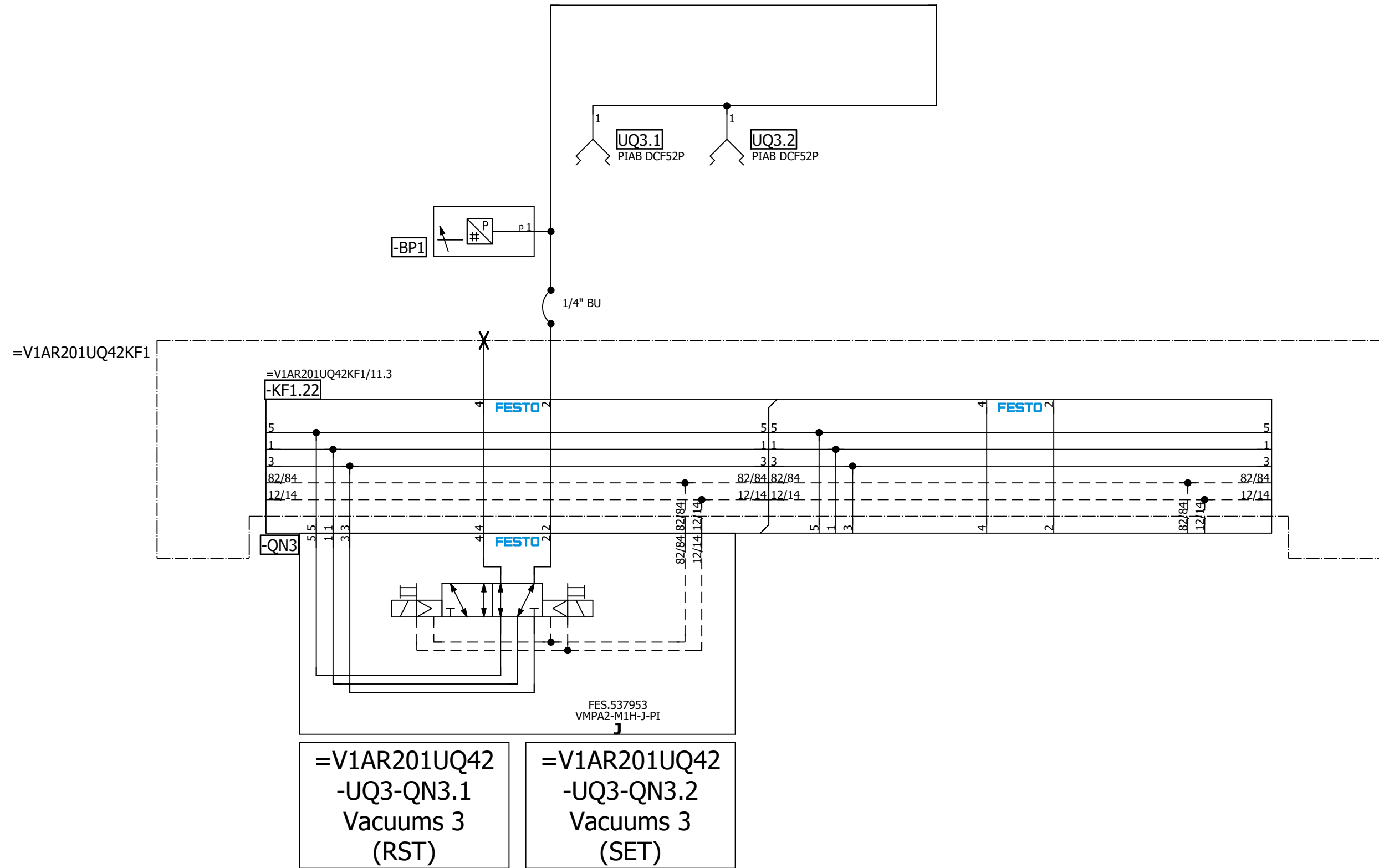
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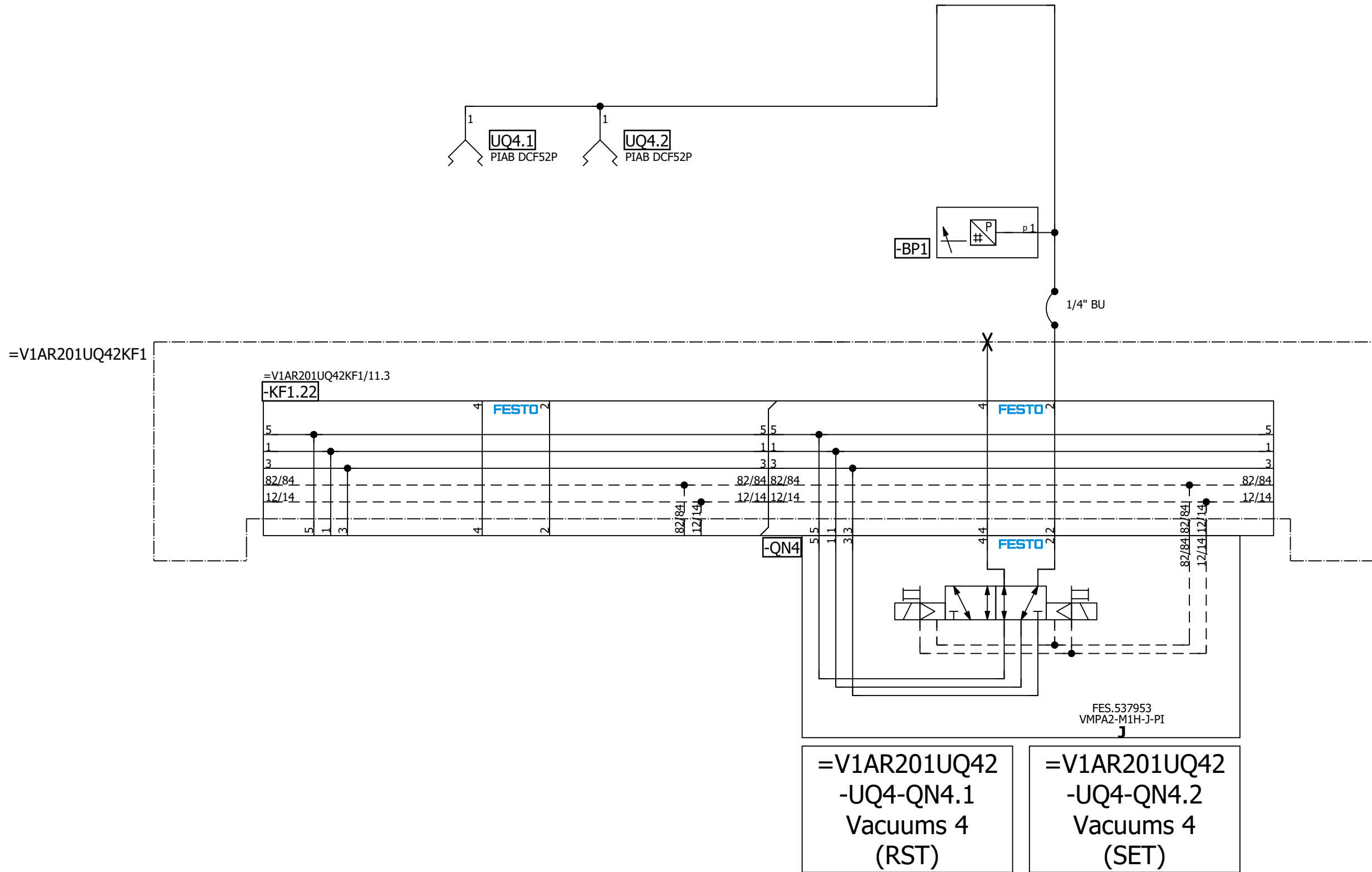
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Modification		Date		Name		Original				MFS		Page 1	
										22-16147		112	



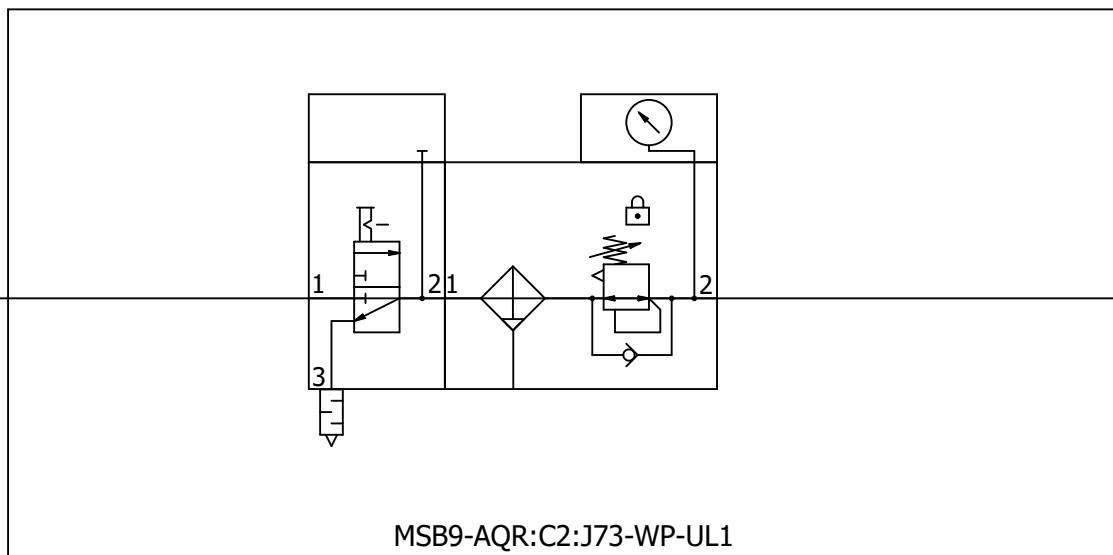
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Appr.				Replacement of		Replaced by				Project nr:		Page 1	
Modification		Date		Name		Original				22-16147		112	

A2

=KH0+KH0/1.7 / +V1GM1KH1-P1



MSB9-AQR:C2:J73-WP-UL1

1/2"

+V1GM1KH1-P1 /  
Lift Assist

=V1AR201UQ42UQ4+V1AR201UQ42/1

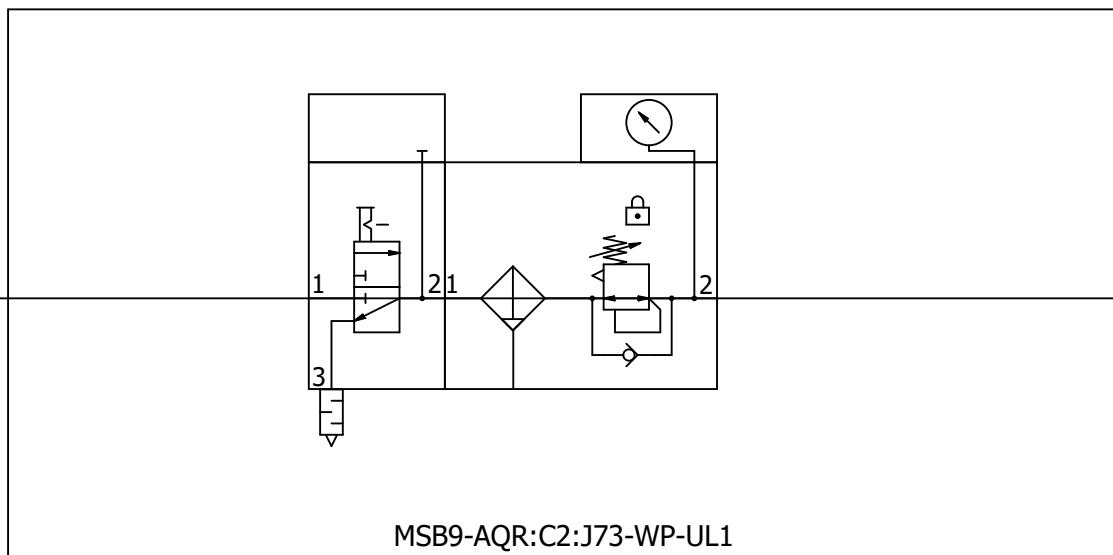
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			Original				Replacement of	Replaced by	MFS	22-16147



A2

=KH0+KH0/1.7 / +V1GM2KH1-P1




MSB9-AQR:C2:J73-WP-UL1

1/2"

+V1GM2KH1-P1 /  
Lift Assist

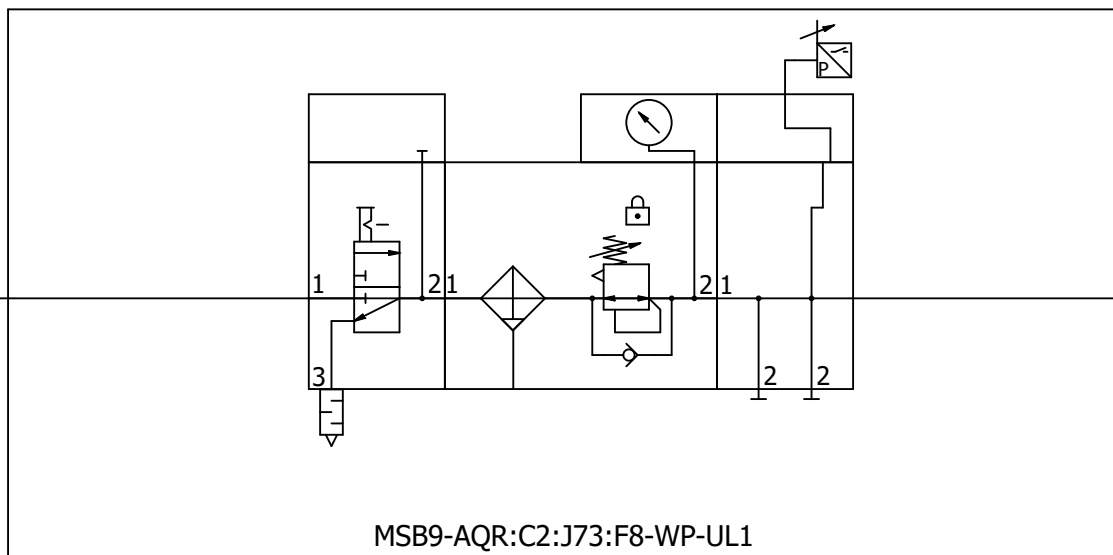
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Modification	Date	Name	Original					MFS		22-16147	1
											112

A2

=KH0+KH0/1.7 / +V1PF1KH1-P1




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1/2"

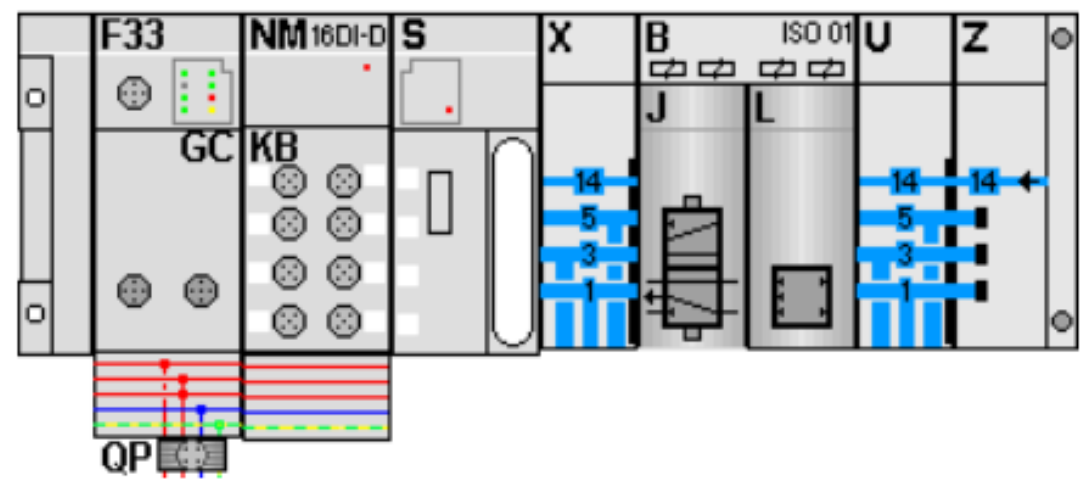
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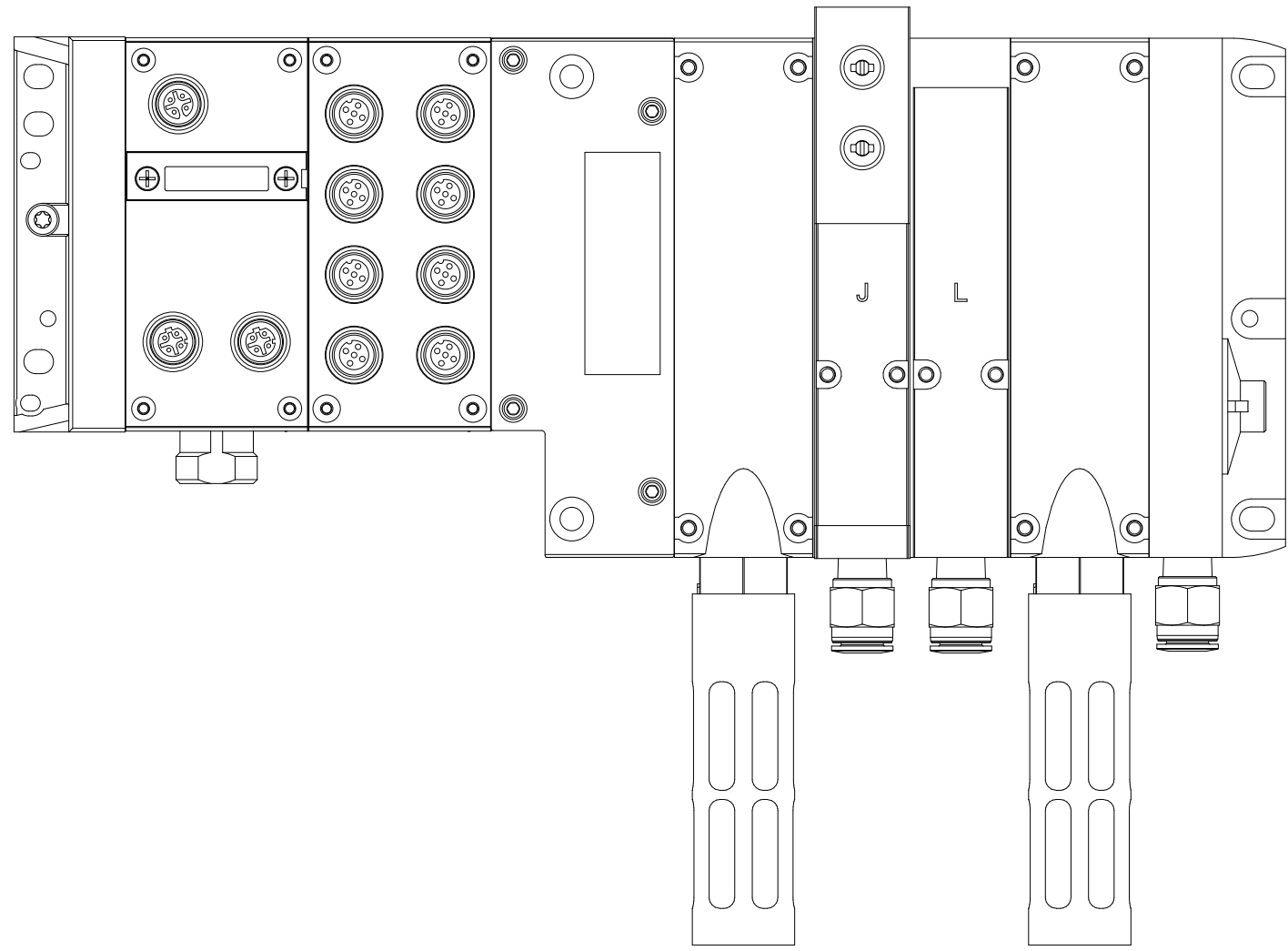
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M1



KF1.0

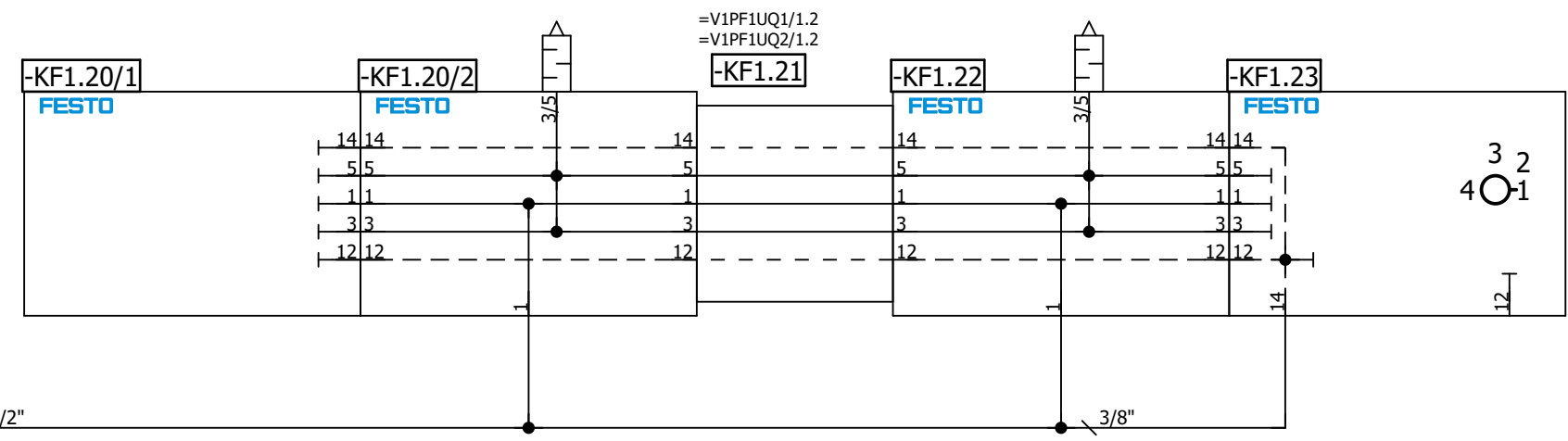
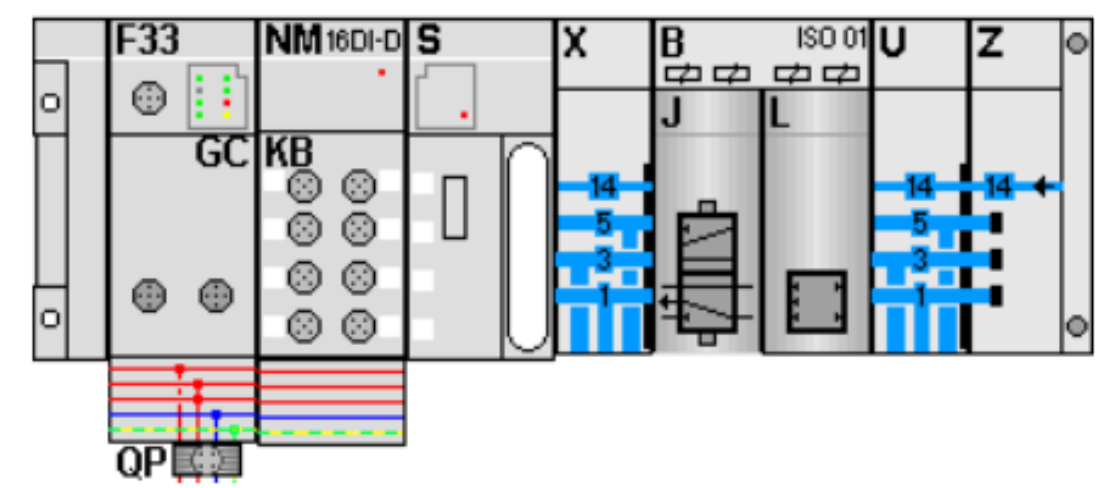


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M1



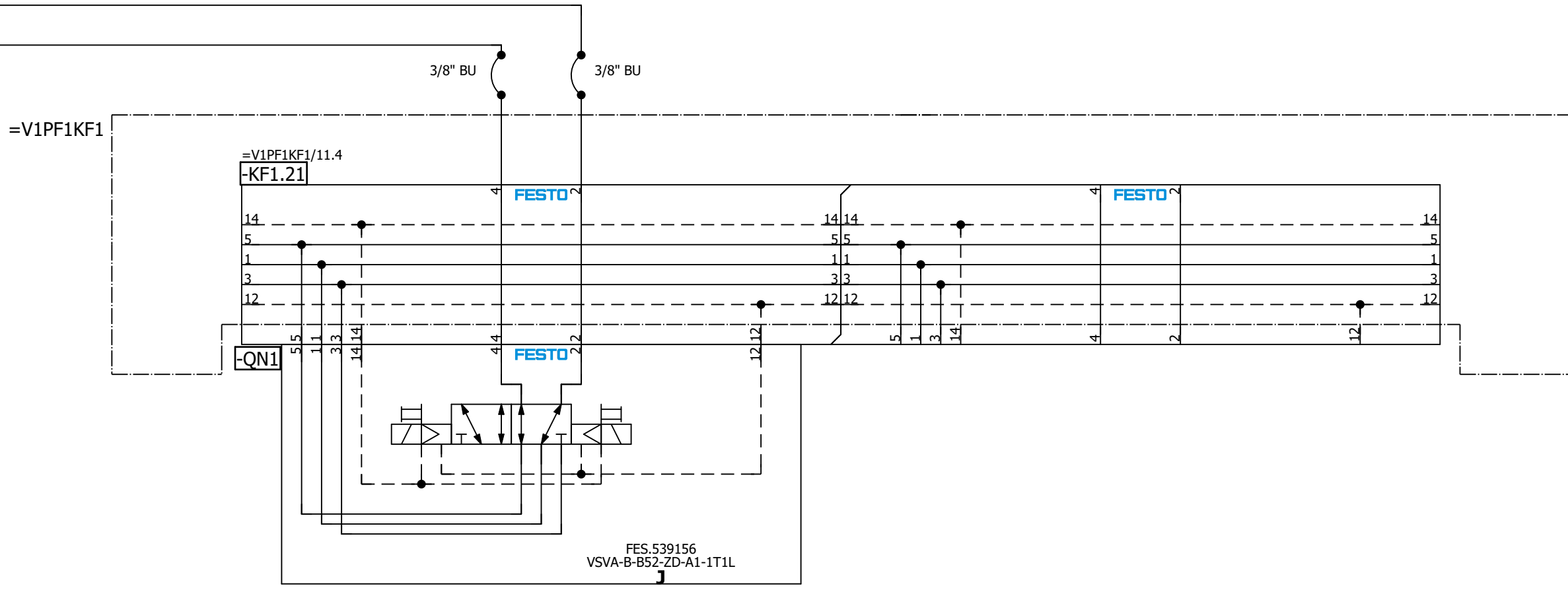
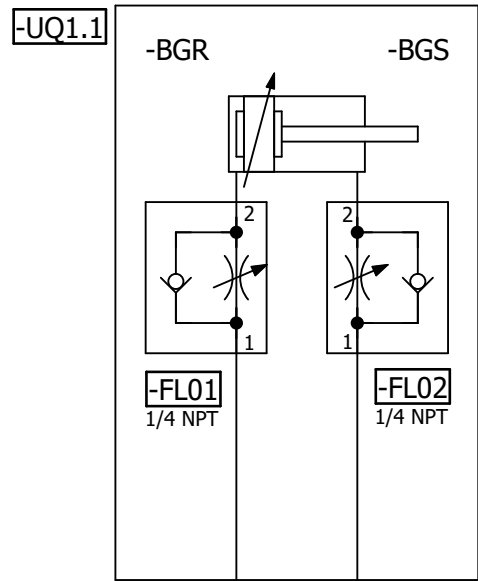
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Appr			Replacement of		Scale 1:1	Document type:	Project nr:	Page	11
Original			Replaced by						MFS





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-UQ1-QN1.1  
Clamp  
(RST)

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Clamp  
(SET)

=V1PF1KF1/11

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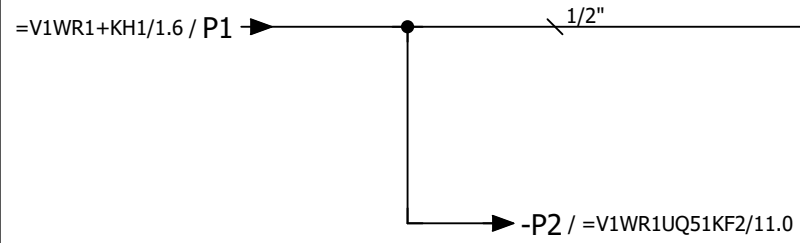
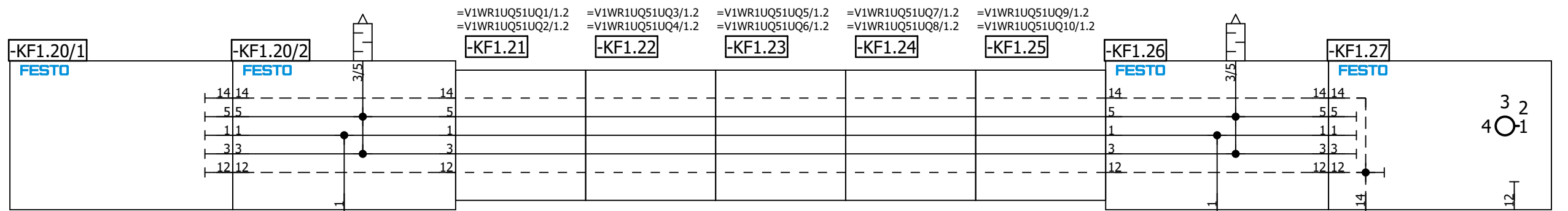
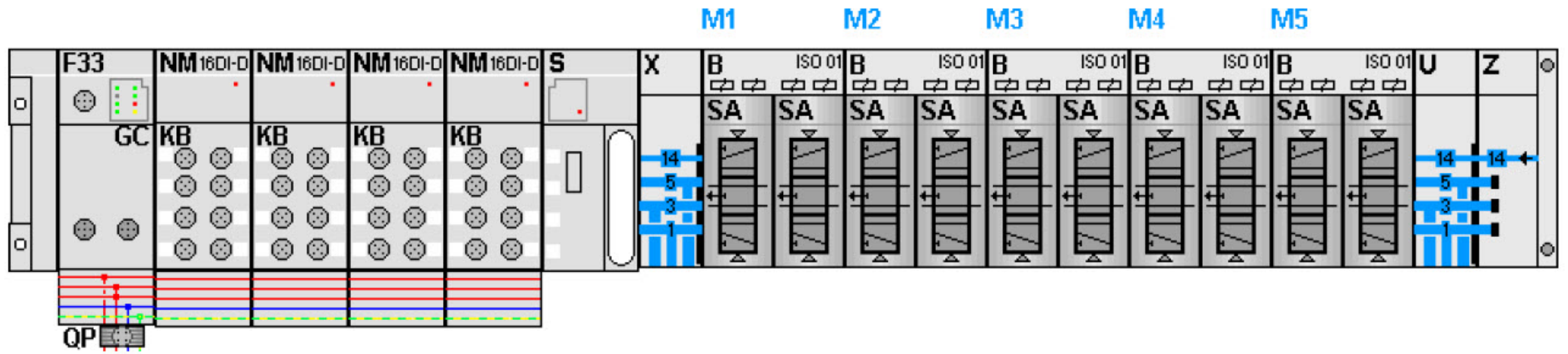
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Appr			Replacement of		Scale 1:1		Document type:		MFS
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Modification	Date	Name	Original				Page		1
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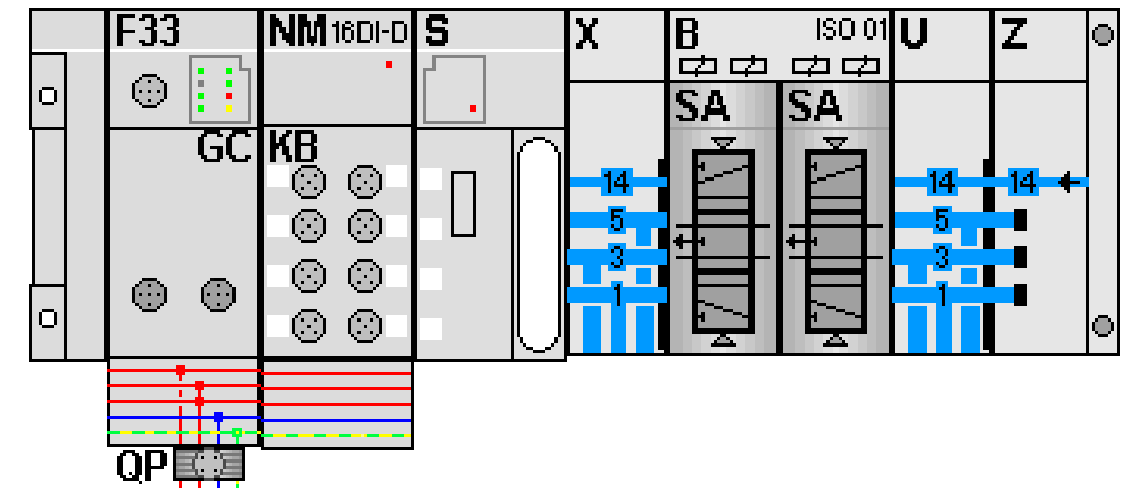




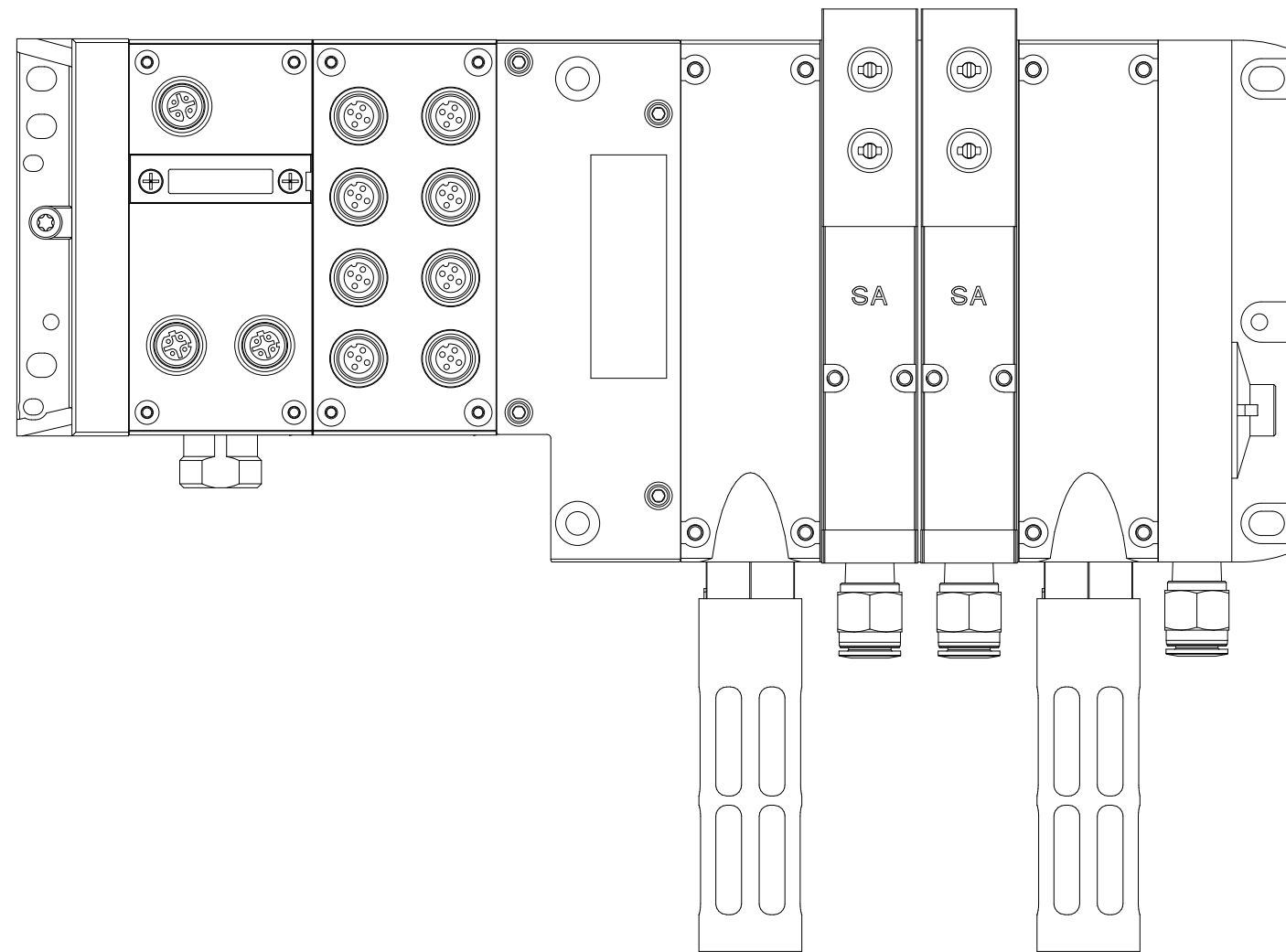


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M1



KF2.0

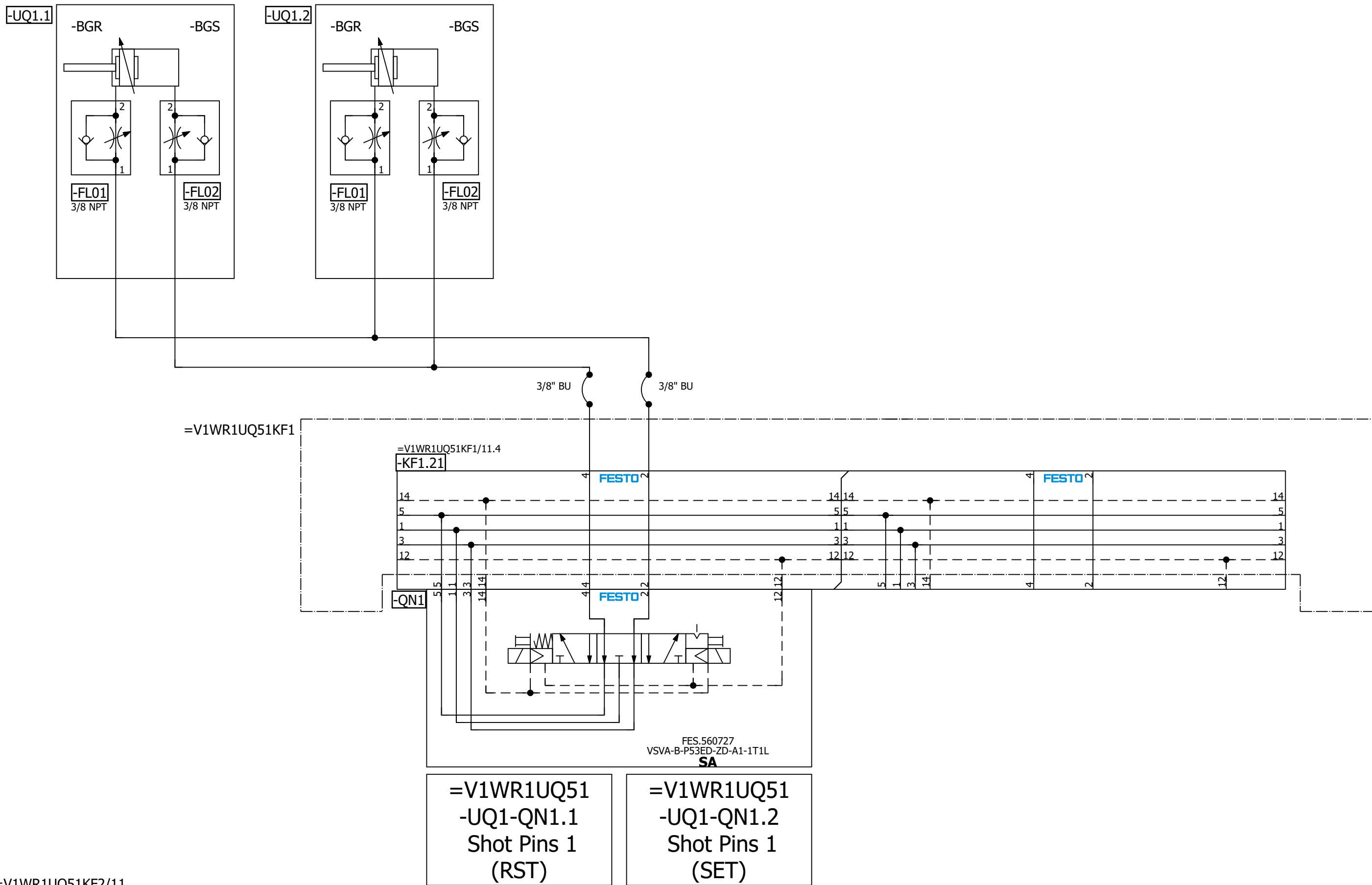


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Modification	Date	Name	Original	Replacement of	Replaced by		MFS		22-16147		5
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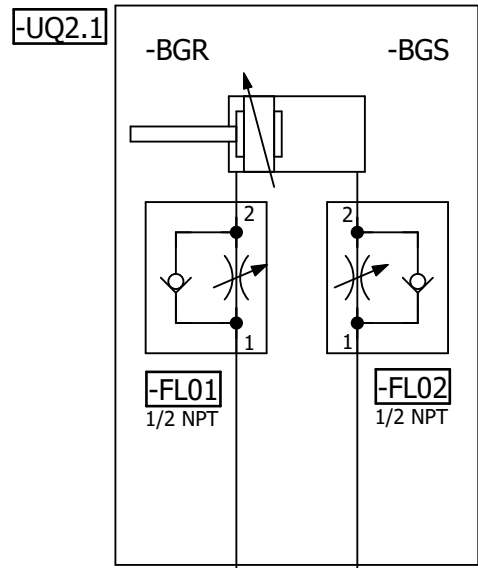


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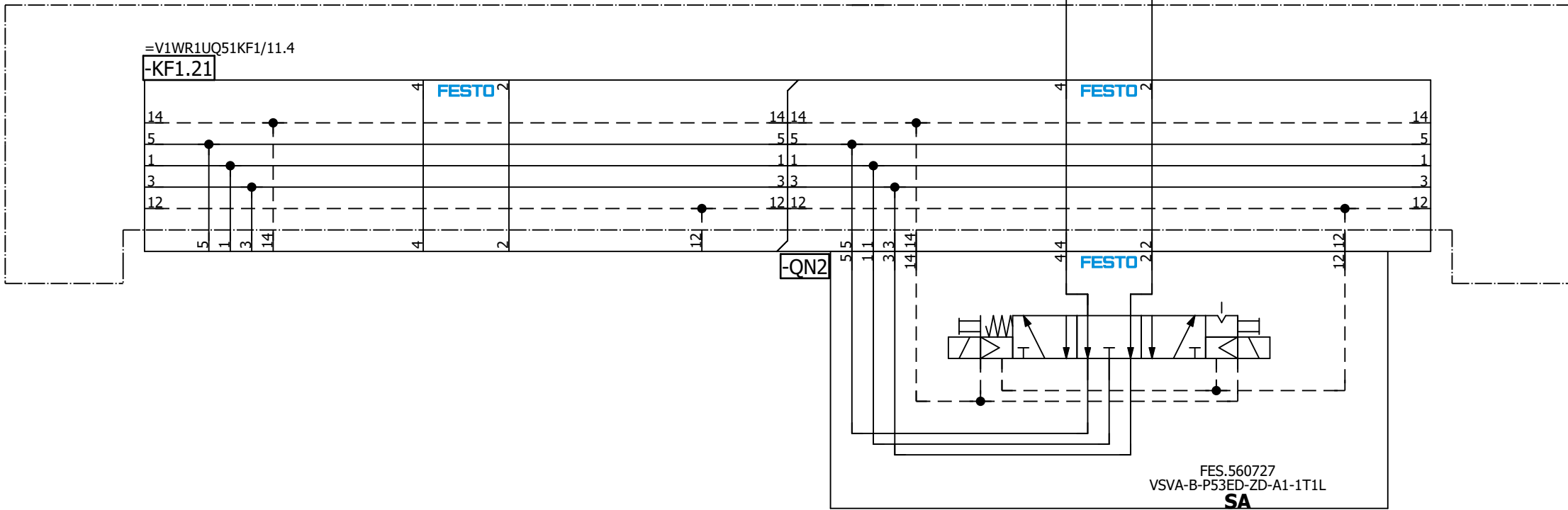
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Modification	Date	Name	Original						MFS		Page 1	
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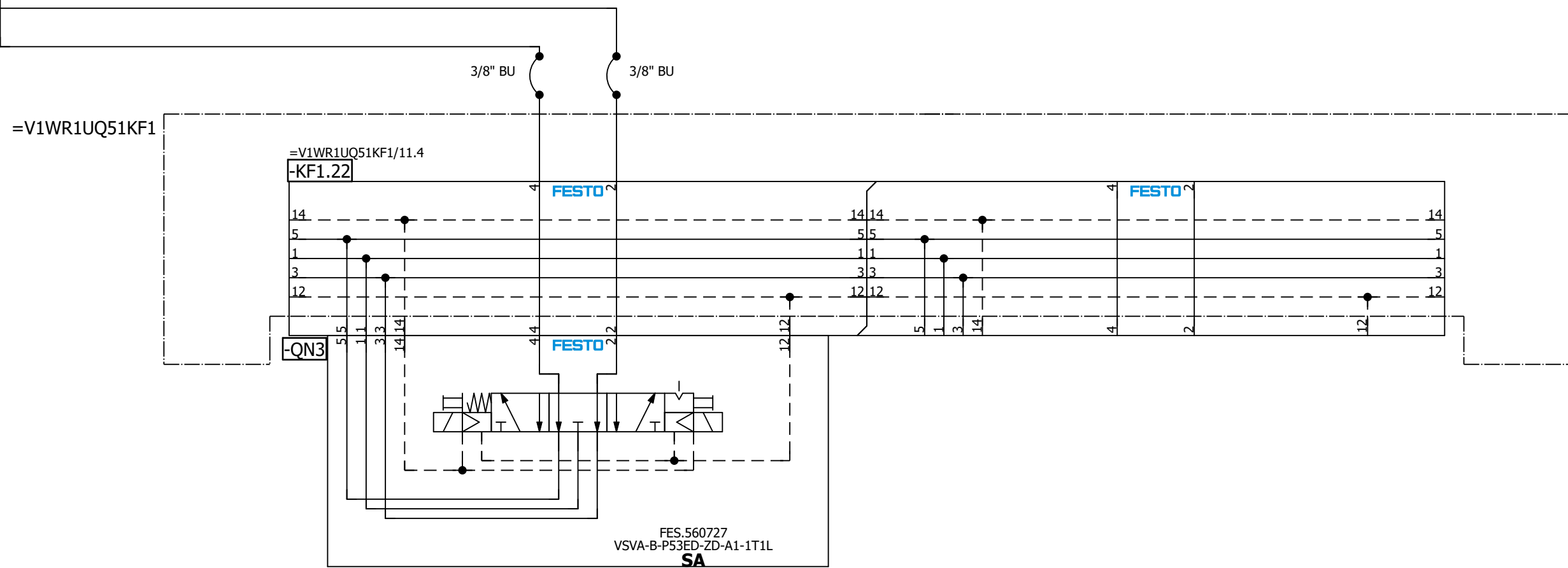
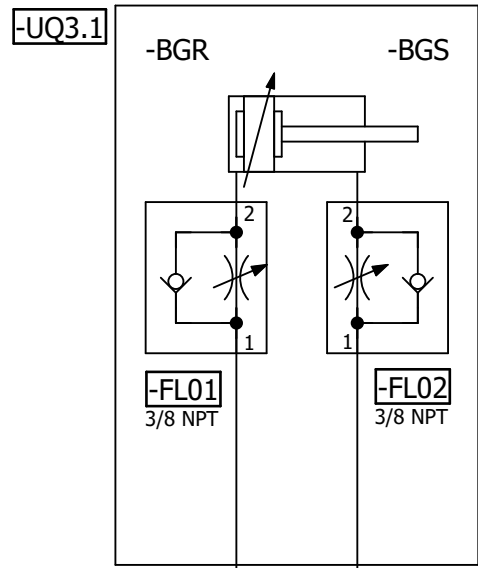


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Cyl Slide 2  
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Cyl Slide 2  
(SET)

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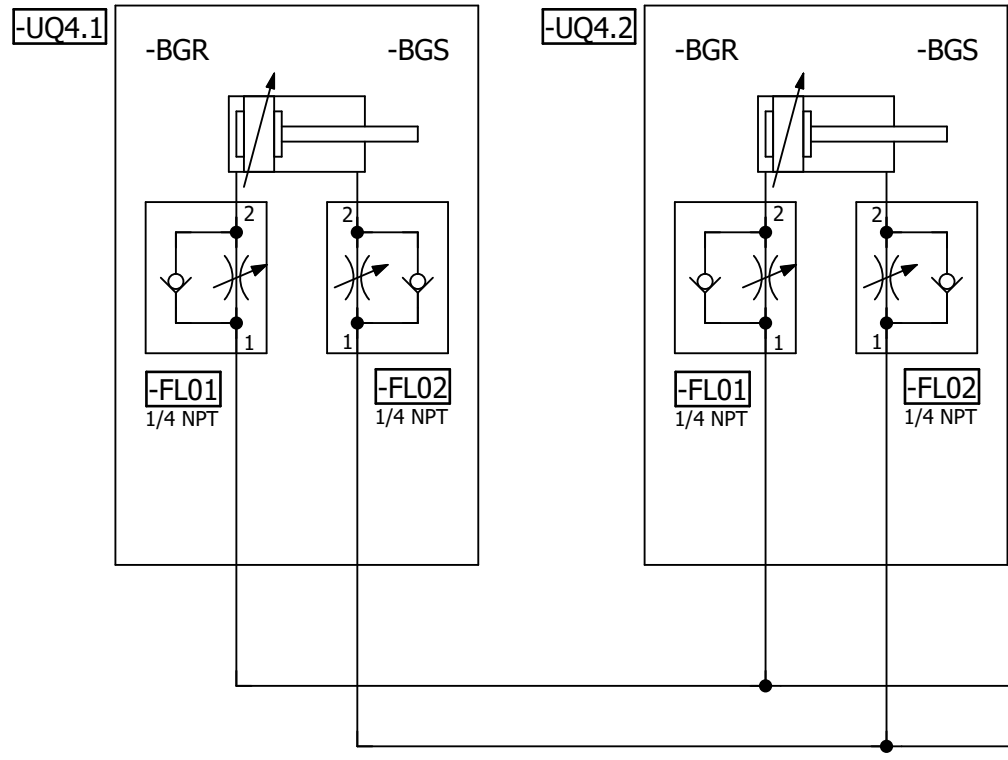
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(SET)

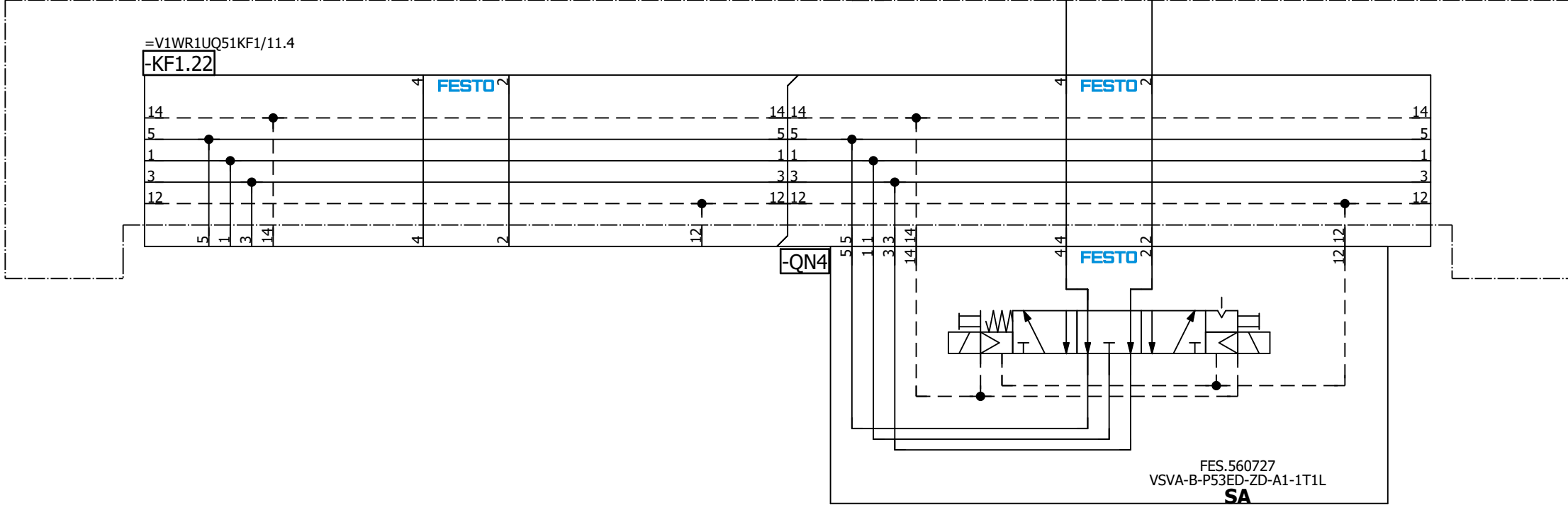
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Modification	Date	Name	Original				Page		1
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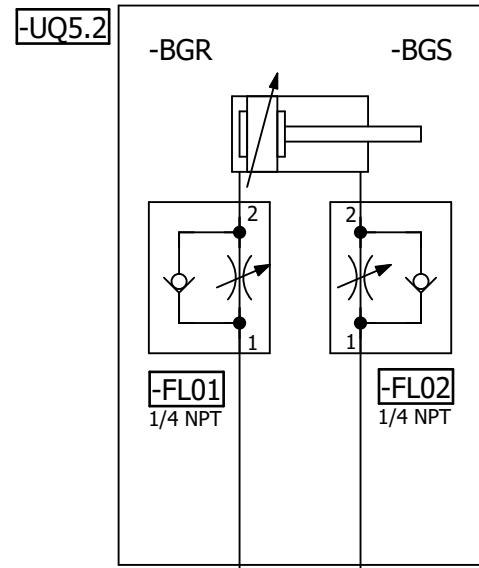
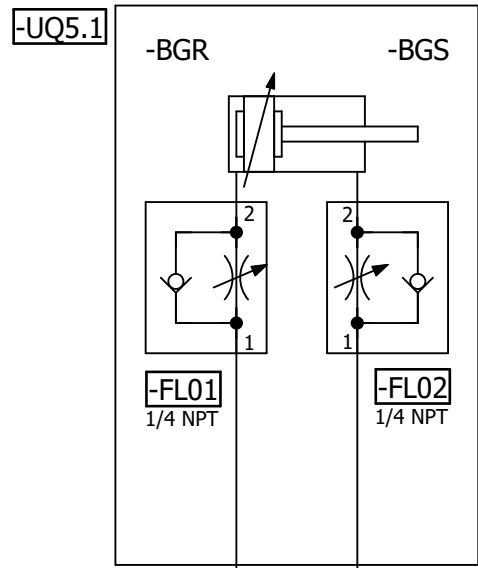


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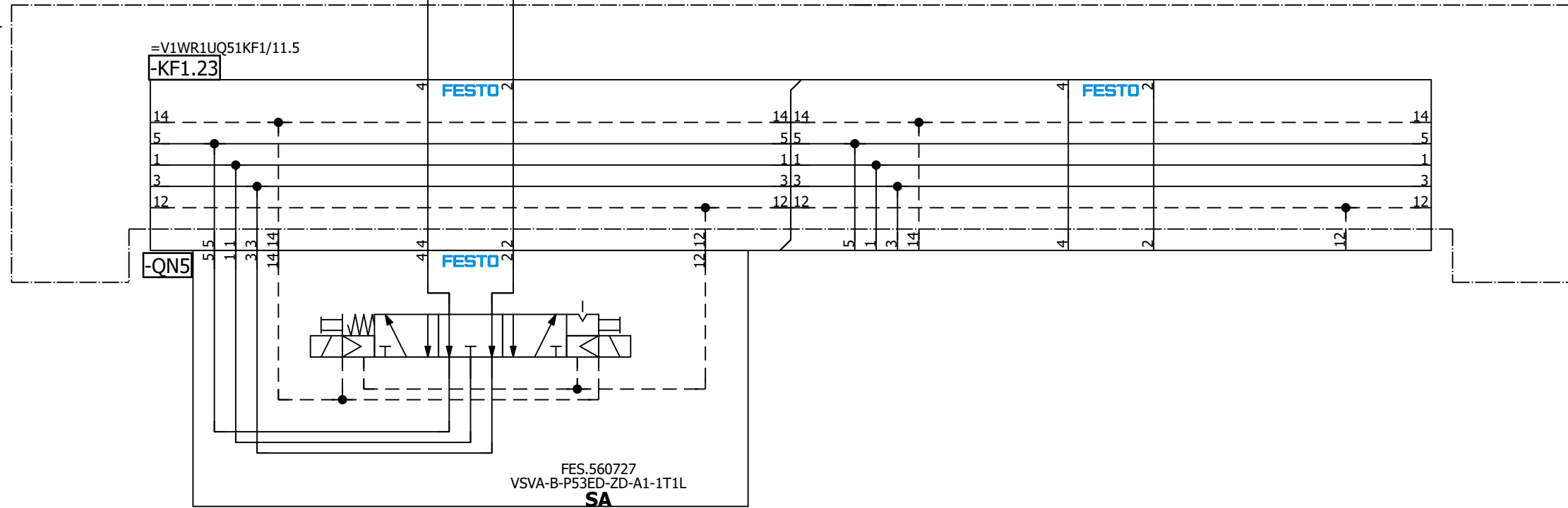
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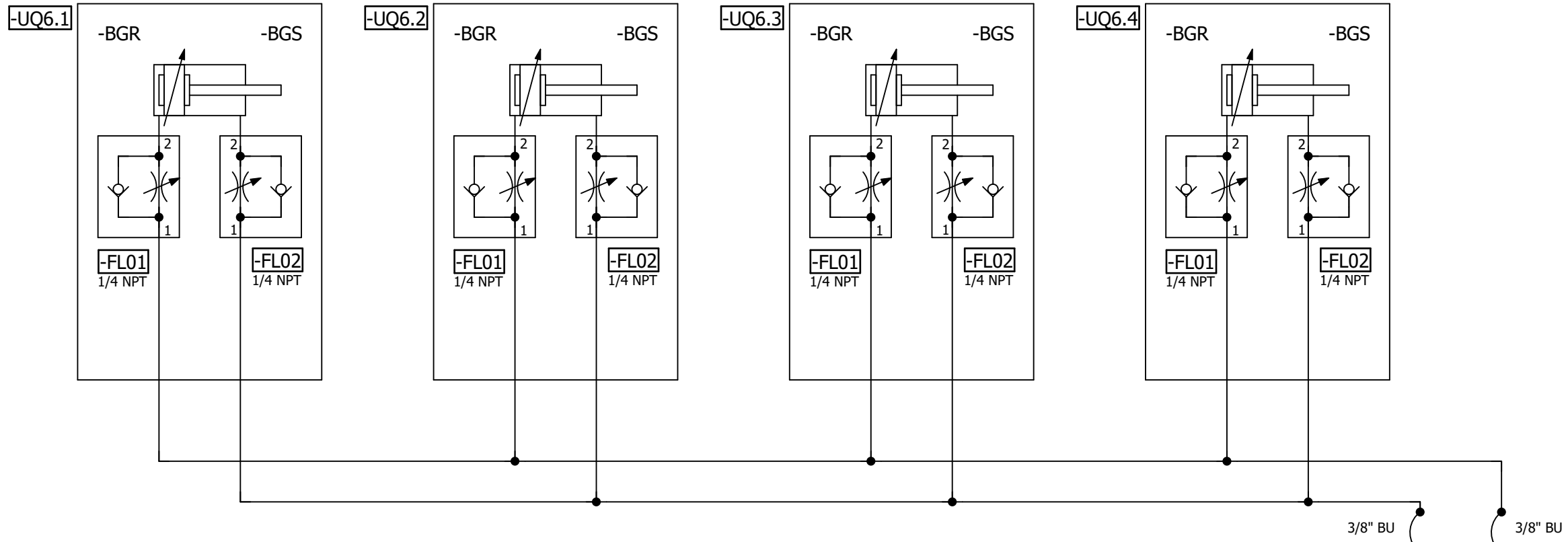
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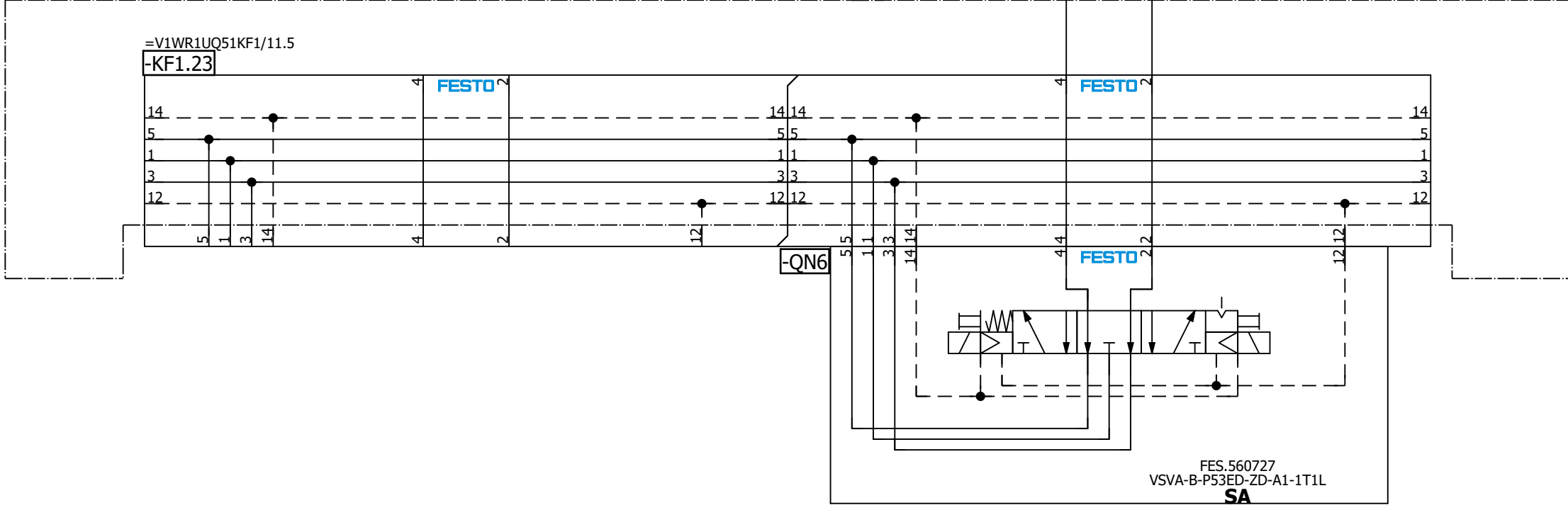
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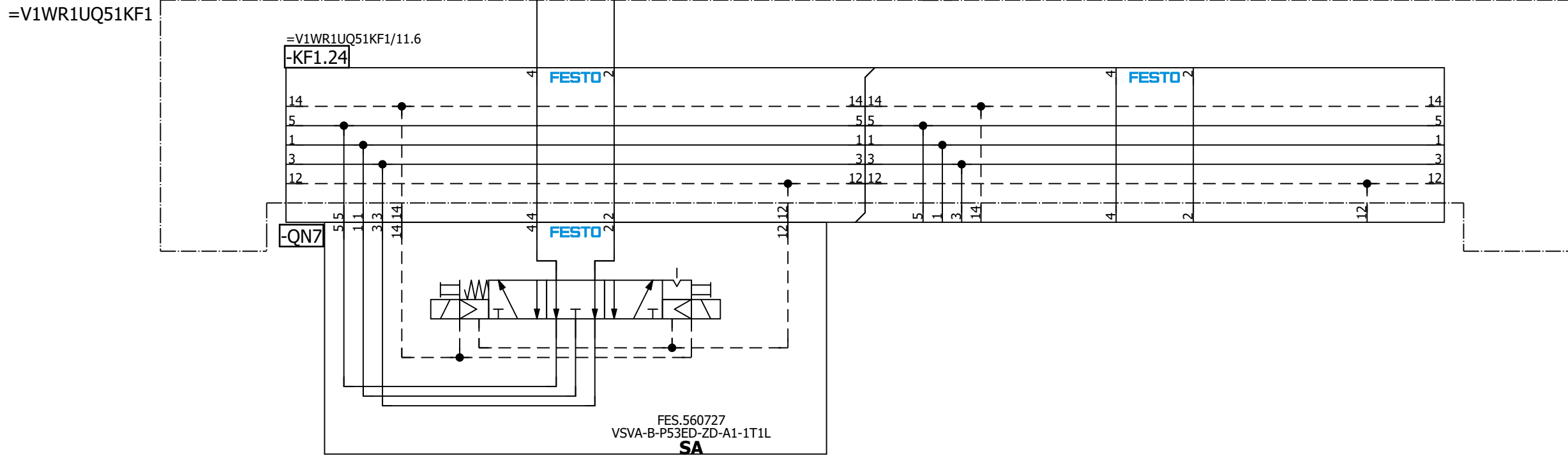
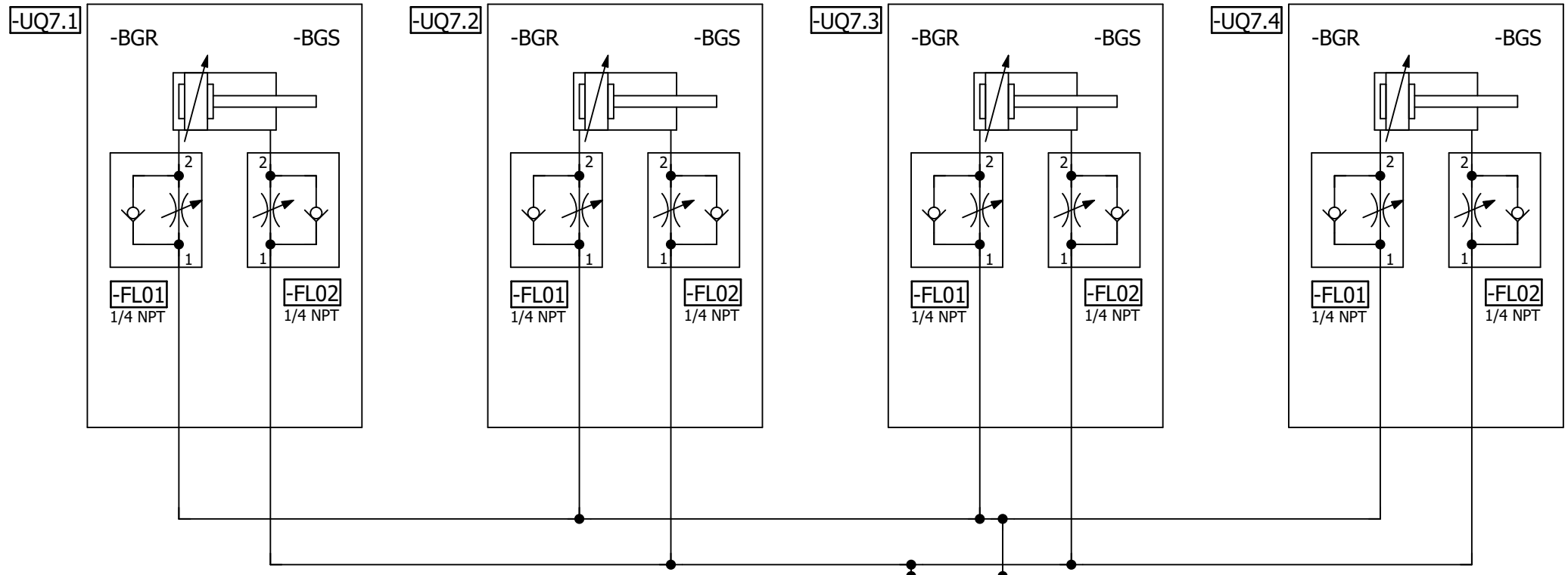


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Modification	Date	Name	Original					Project nr:	22-16147	
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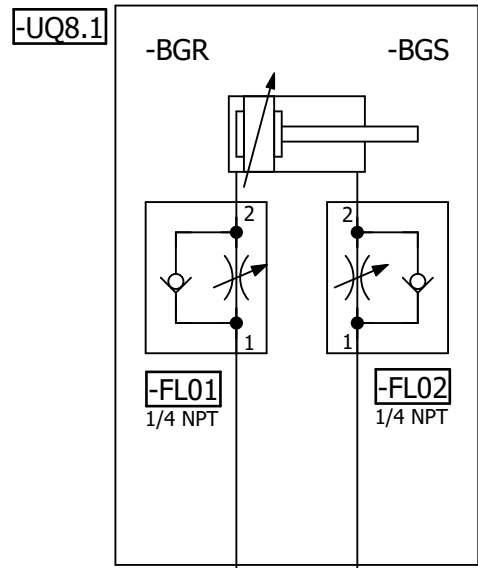


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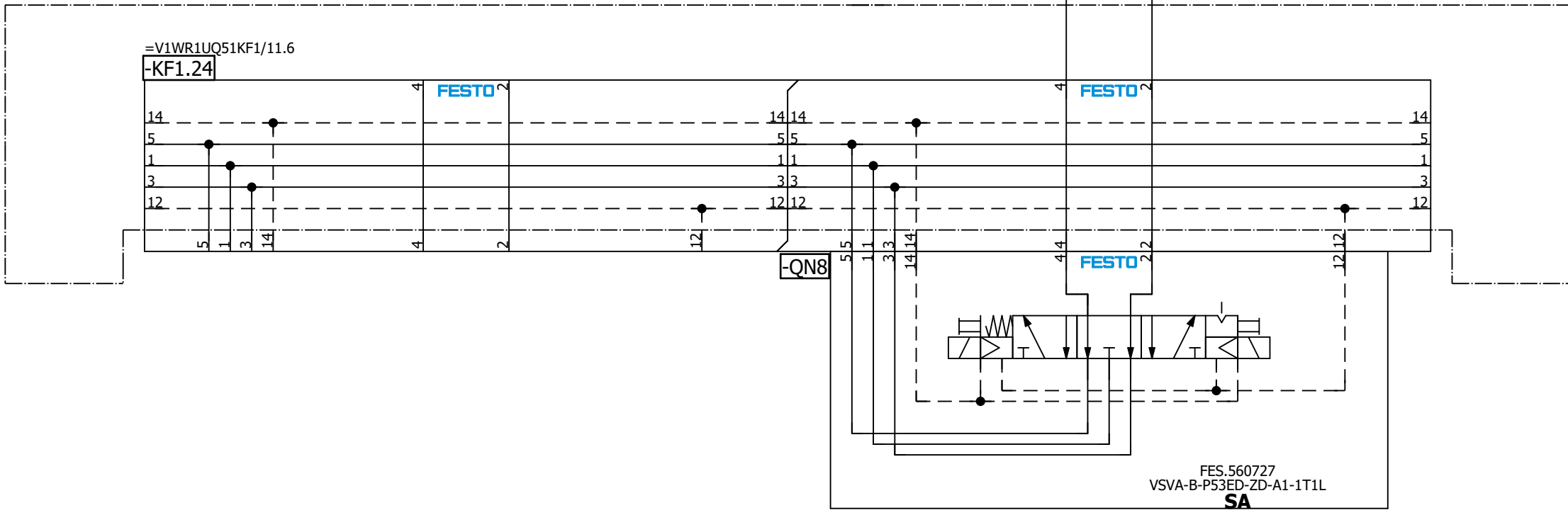
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Modification	Date	Name	Original				Page		1
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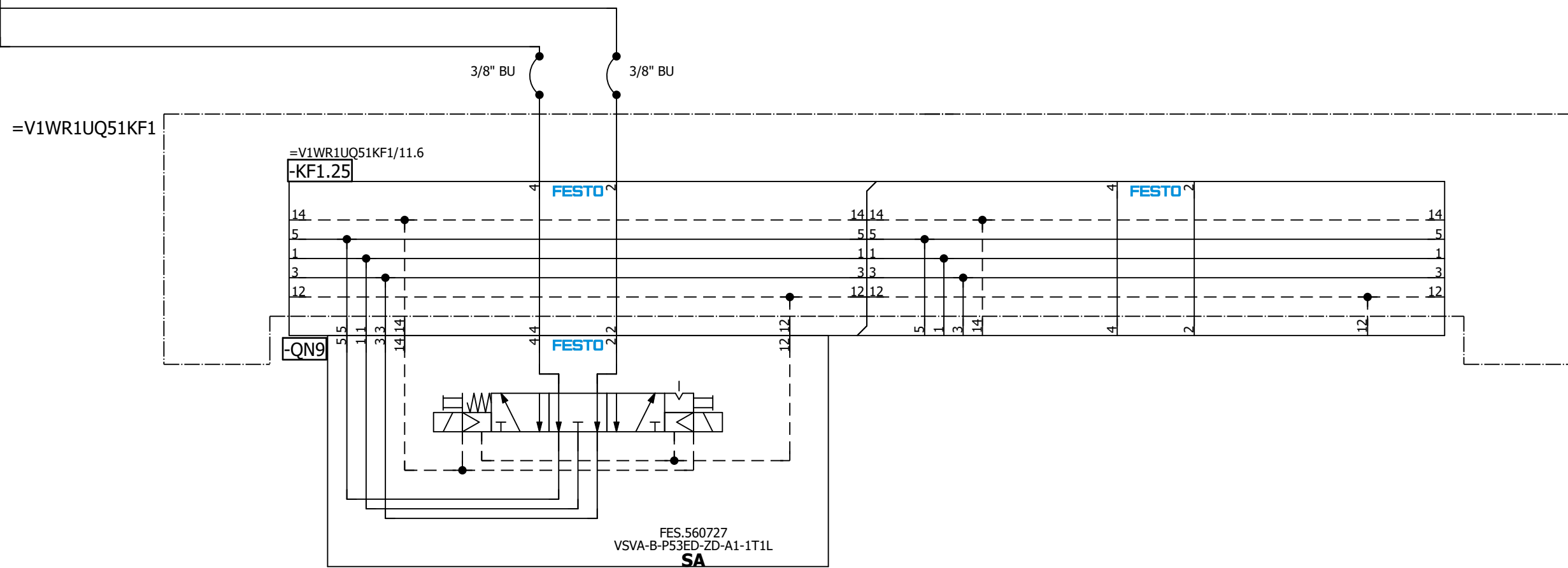
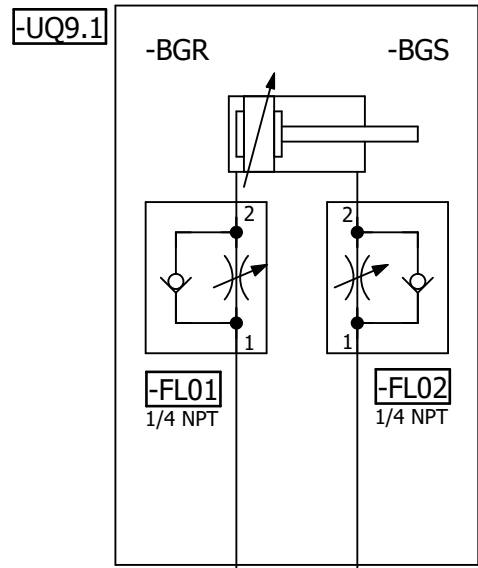


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(SET)

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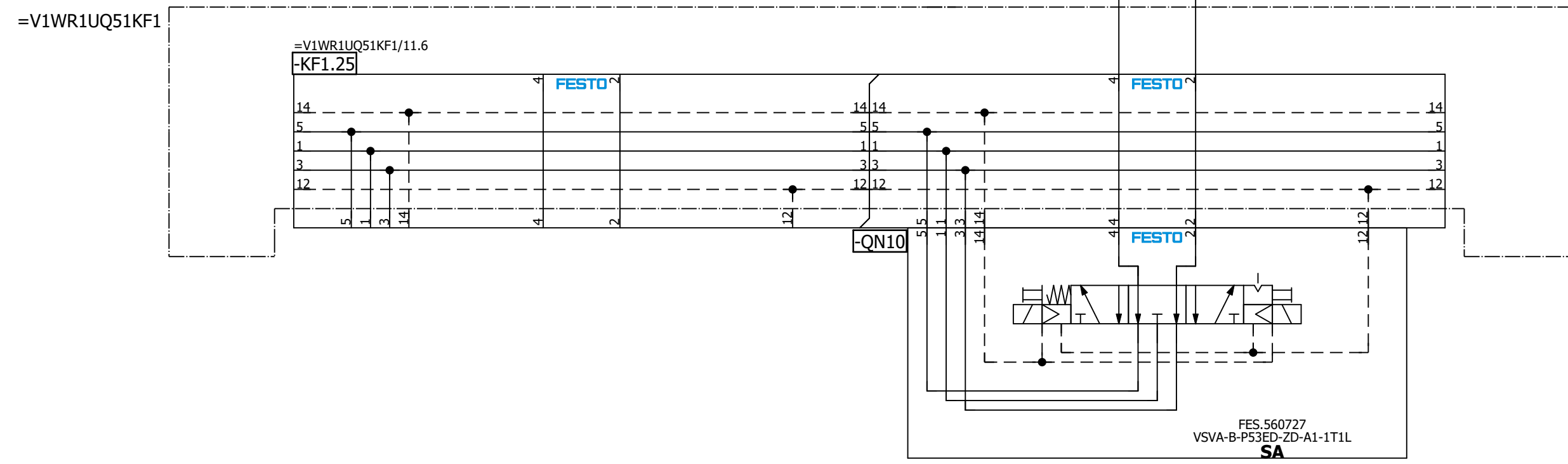
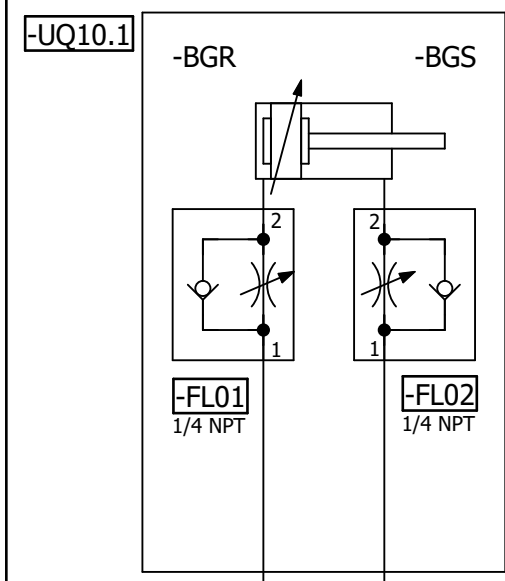
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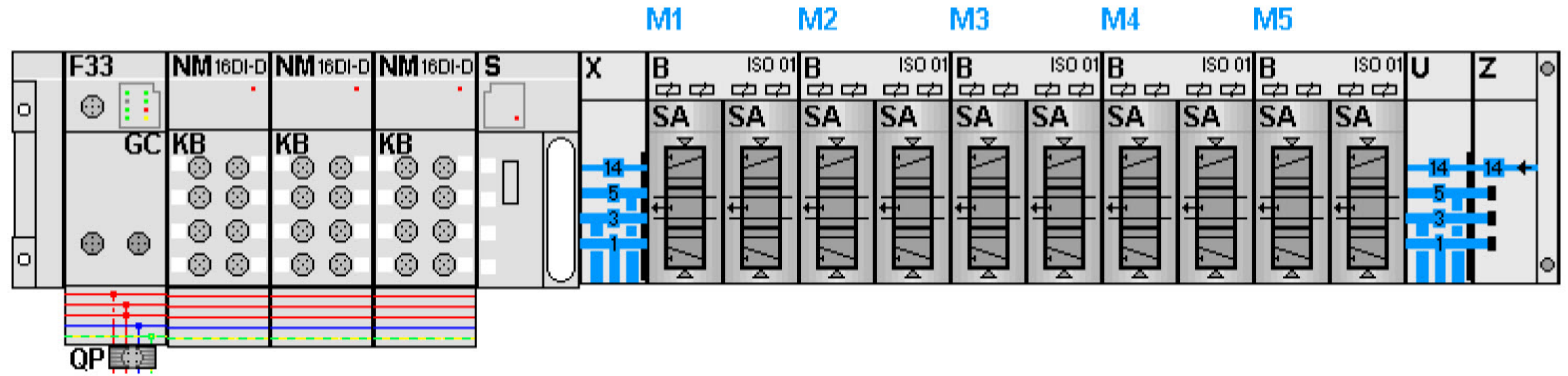
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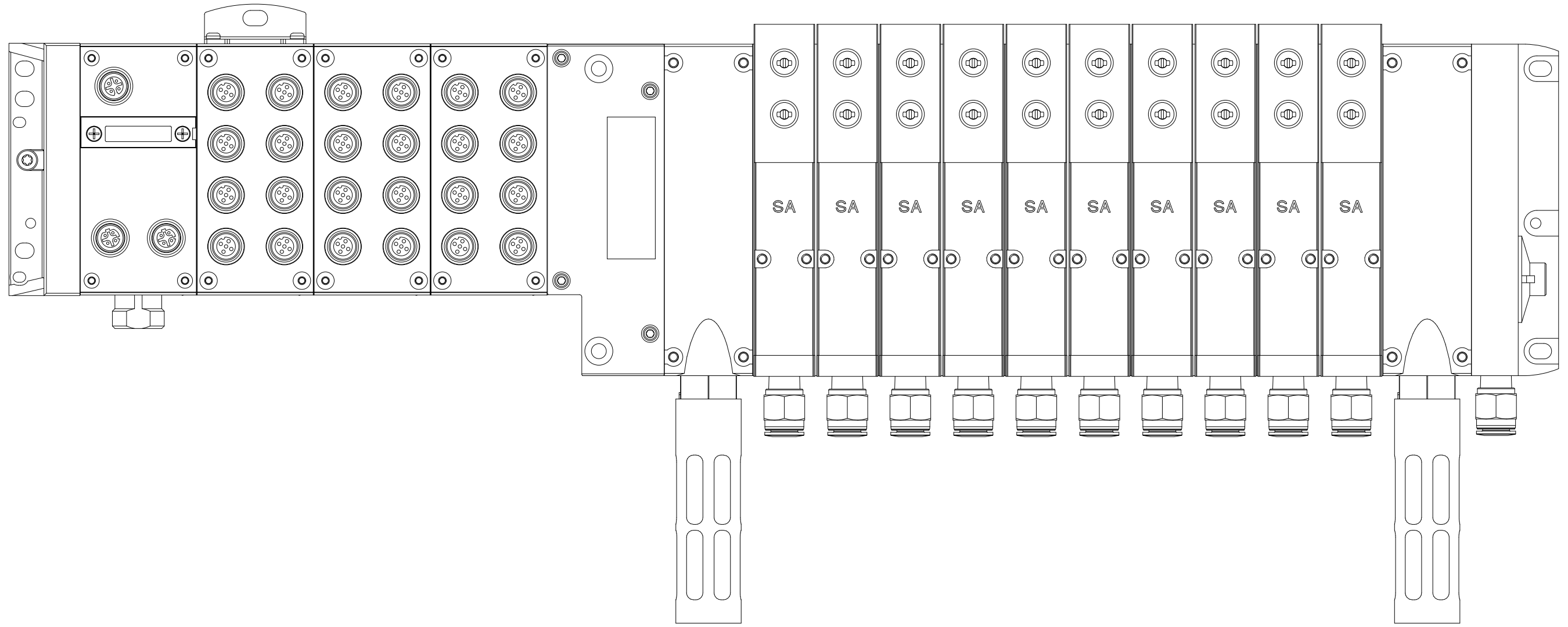
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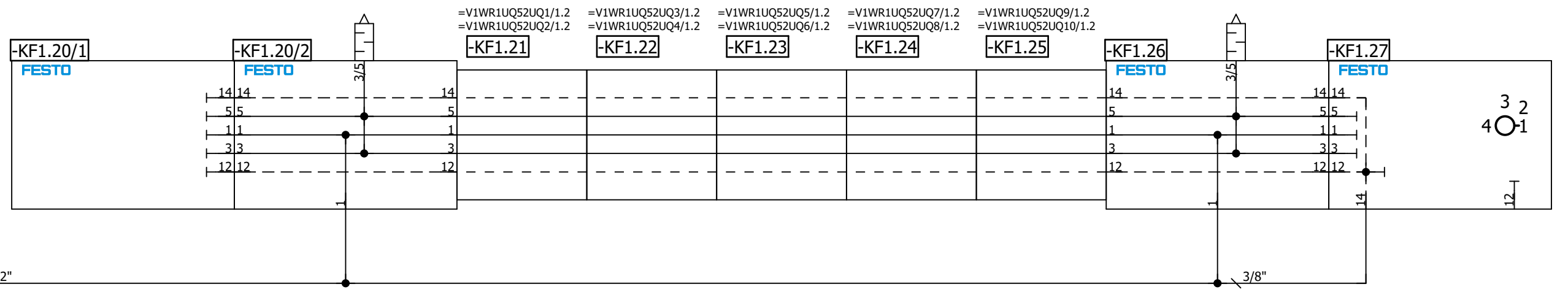
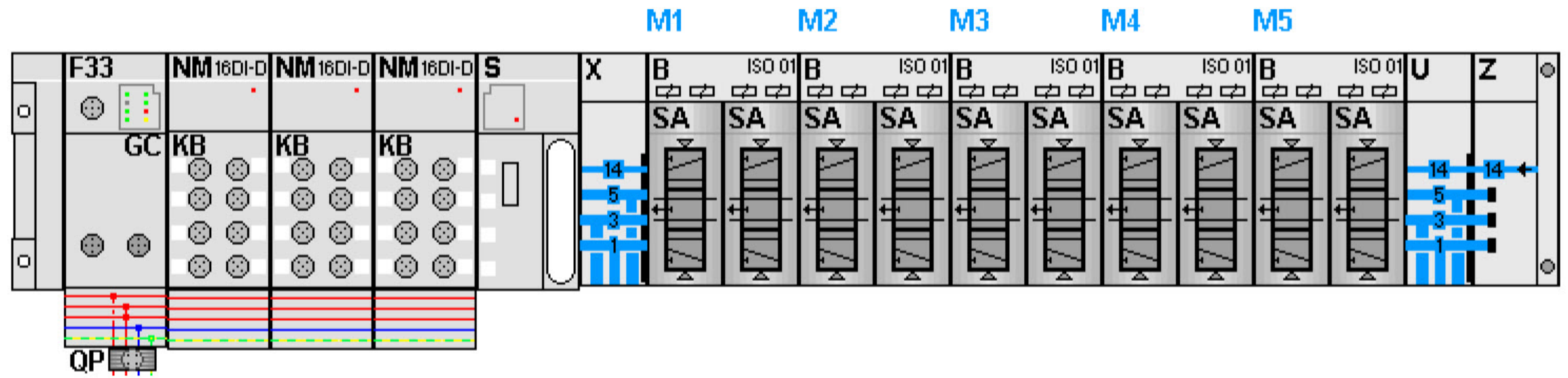


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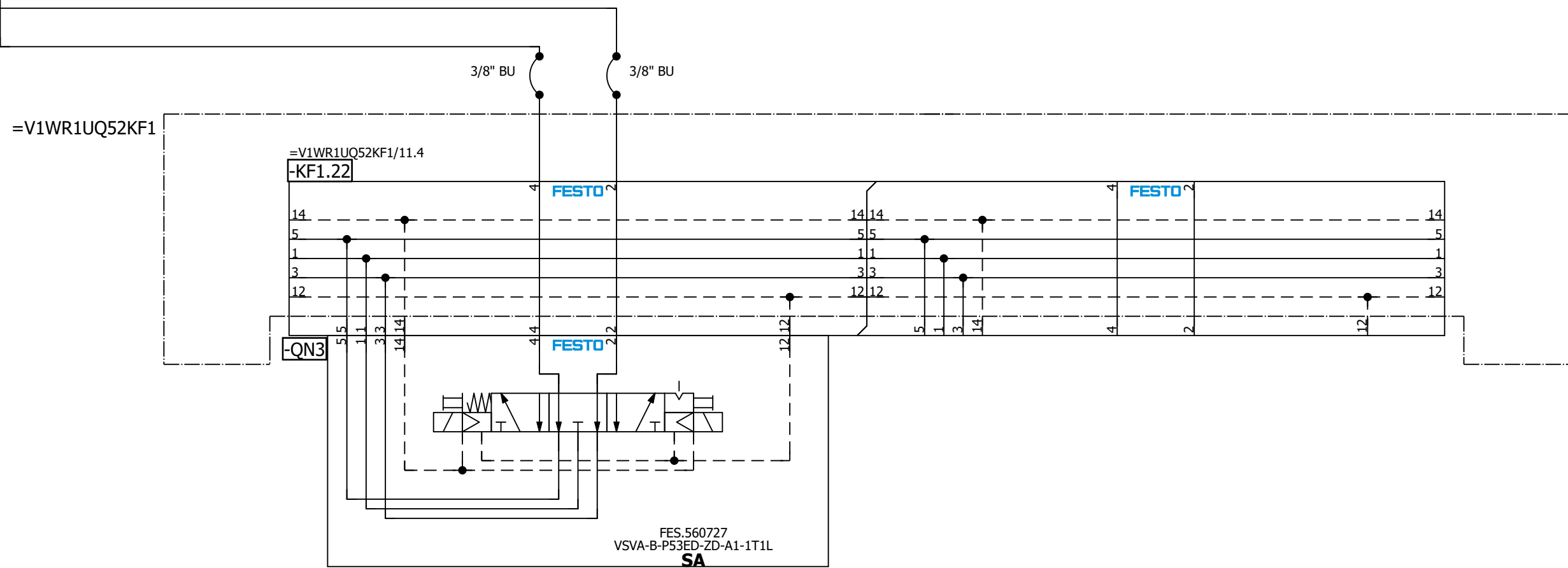
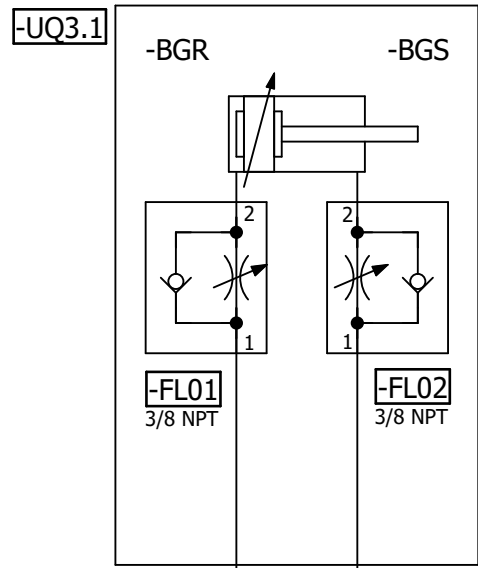
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Modification		Date	Name	Original	Scale 1:1				Page 11	
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-UQ3-QN3.1  
Dump Clamp 3  
(RST)

=V1WR1UQ52  
-UQ3-QN3.2  
Dump Clamp 3  
(SET)

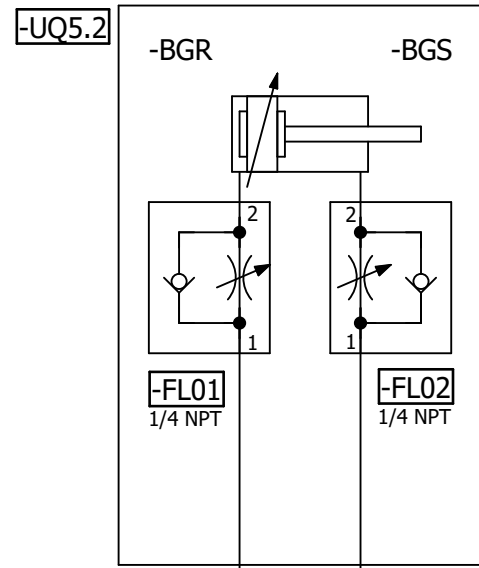
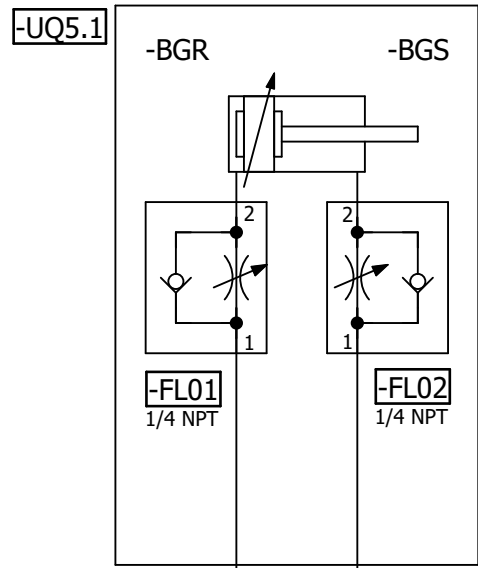
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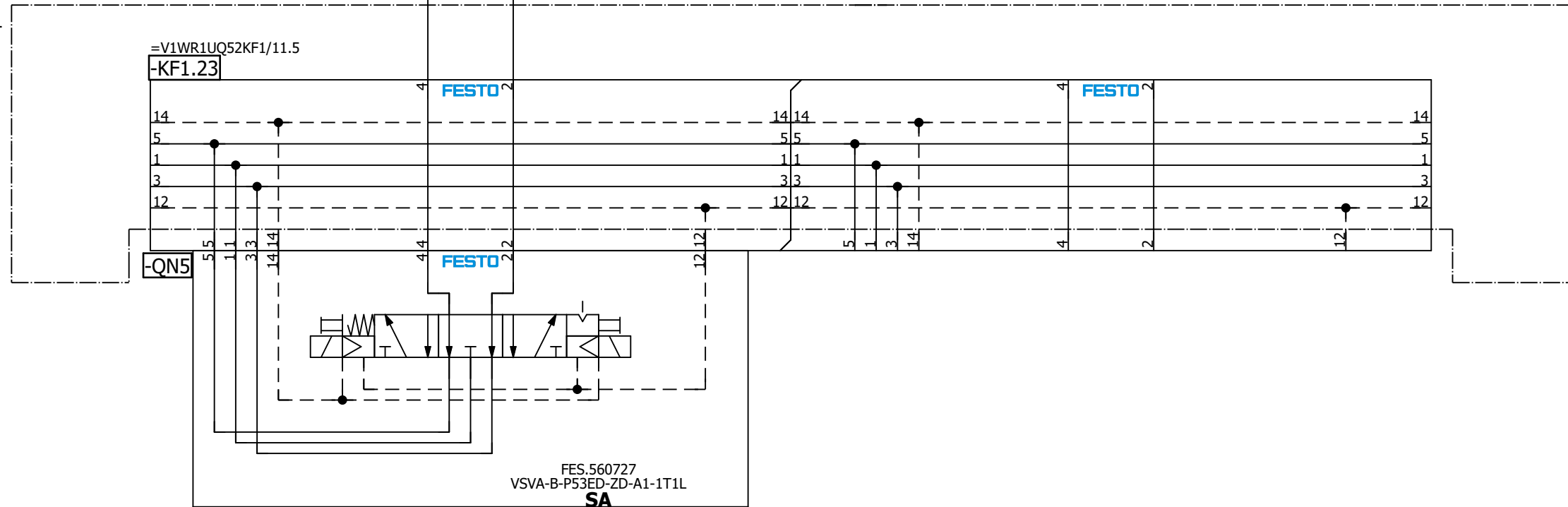
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Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16147
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=V1WR1UQ52KF1



=V1WR1UQ52  
 -UQ5-QN5.1  
 Clamps 5  
 (RST)

=V1WR1UQ52  
 -UQ5-QN5.2  
 Clamps 5  
 (SET)

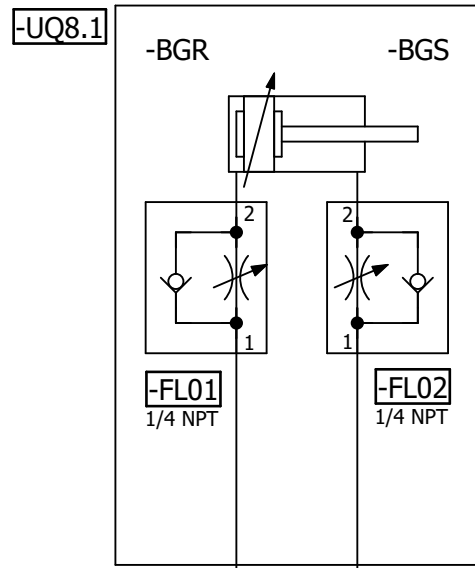
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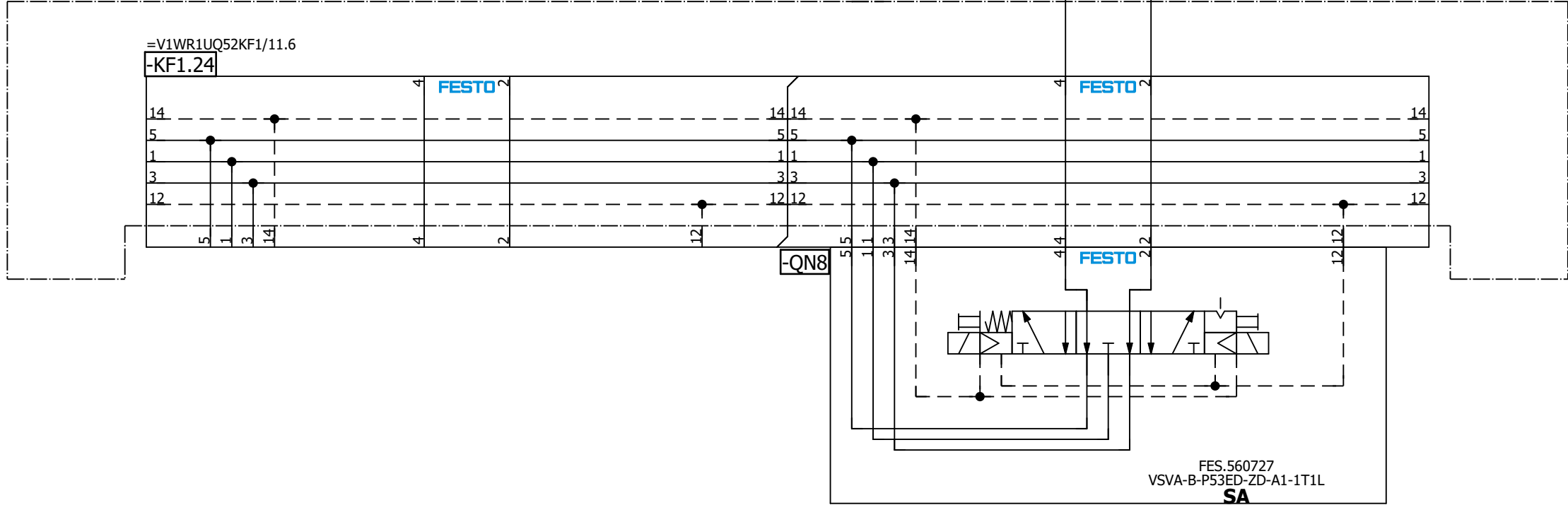
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Appr			Replacement of		Scale 1:1		Document type:		MFS
Original			Replaced by				Project nr:		22-16147
Modification	Date	Name	Original				Page		1
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=V1WR1UQ52KF1



=V1WR1UQ52  
-UQ8-QN8.1  
Clamp 8  
(RST)

=V1WR1UQ52  
-UQ8-QN8.2  
Clamp 8  
(SET)

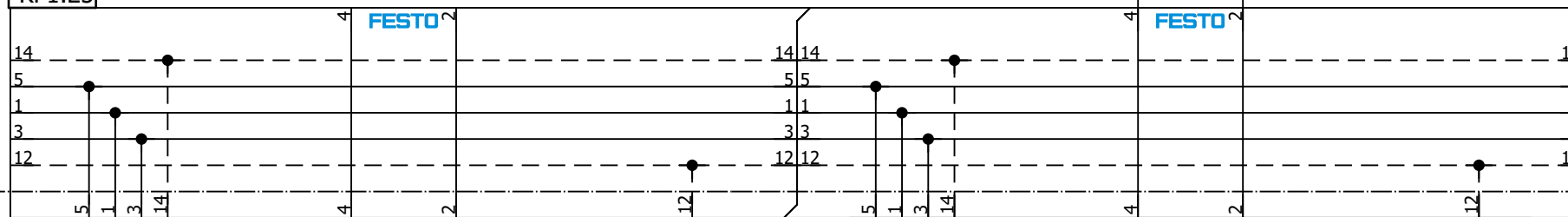
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			Ed.	MKLEPADLO		Scale 1:1		Drawing type:	= 2V08&MFS-PNEU	
			Appr					Replacement of	Replaced by	Document type:
Modification	Date	Name	Original					Project nr:	22-16147	
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-KF1.25



-QN10

FESTO

FESTO

FESTO

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SA

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Spare  
(RST)

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-UQ10-QN10.2  
Spare  
(SET)

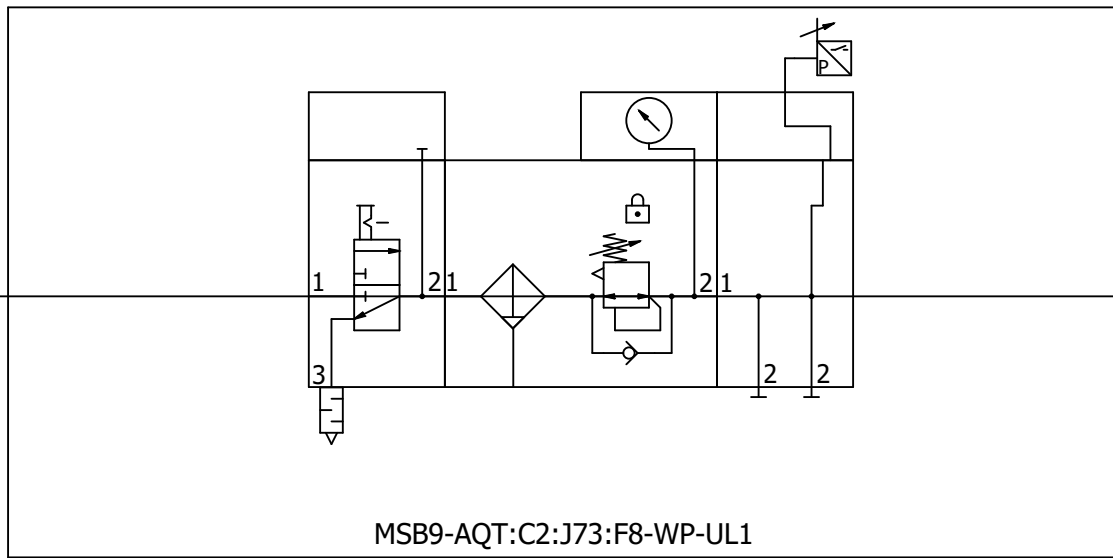
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Ed.		MKLEPADLO		P6700 Side Skin Roof Outer - Cell 2V08		Scale 1:1				Document type:		+ V1WR1UQ52	
Appr.				Replacement of		Replaced by				Project nr:		Page	
Original										22-16147		1	
Modification		Date		Name		Original				MFS		112	

A2

/ +V2AR181XQ93KH1-P1  
=KH0+KH0/1.1



+V2AR181XQ93KH1-P1 /  
Fume Extractor

=V1WR1UQ52UQ10+V1WR1UQ52/1

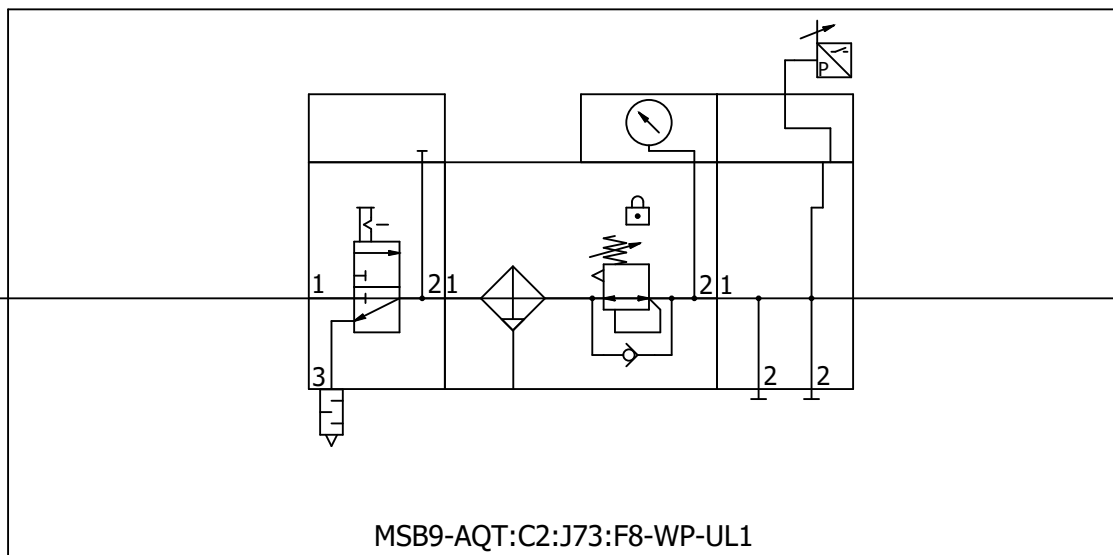
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		Ed.	MKLEPADLO	P6700 Side Skin Roof Outer - Cell 2V08			=2V08&MFS-PNEU		+ KH1
		Appr			Scale 1:1		Document type:	Project nr:	Page
Modification	Date	Name	Original	Replacement of			Replaced by	MFS	22-16147
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A2

=KH0+KH0/1.7 / +V2LB1KH1-P1




1"

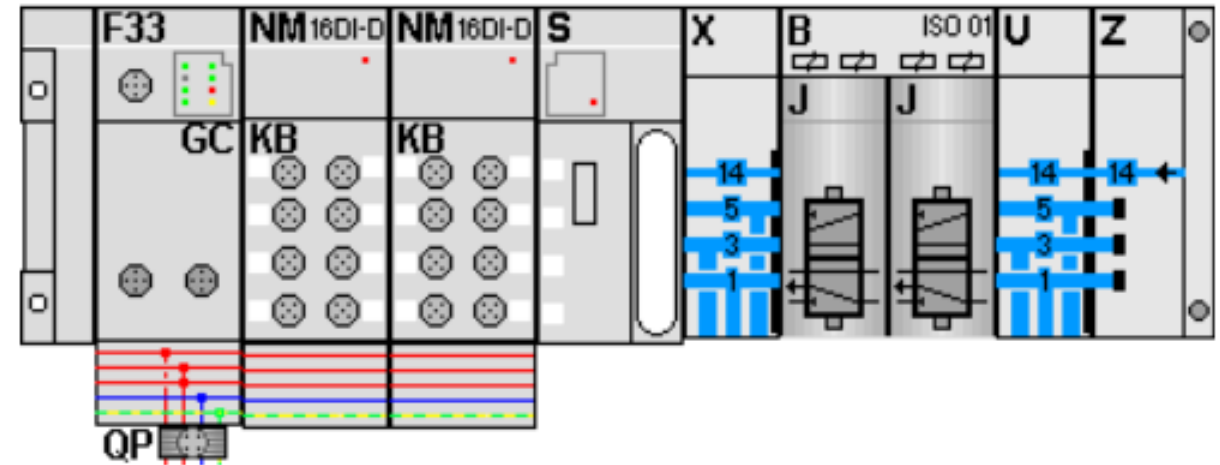
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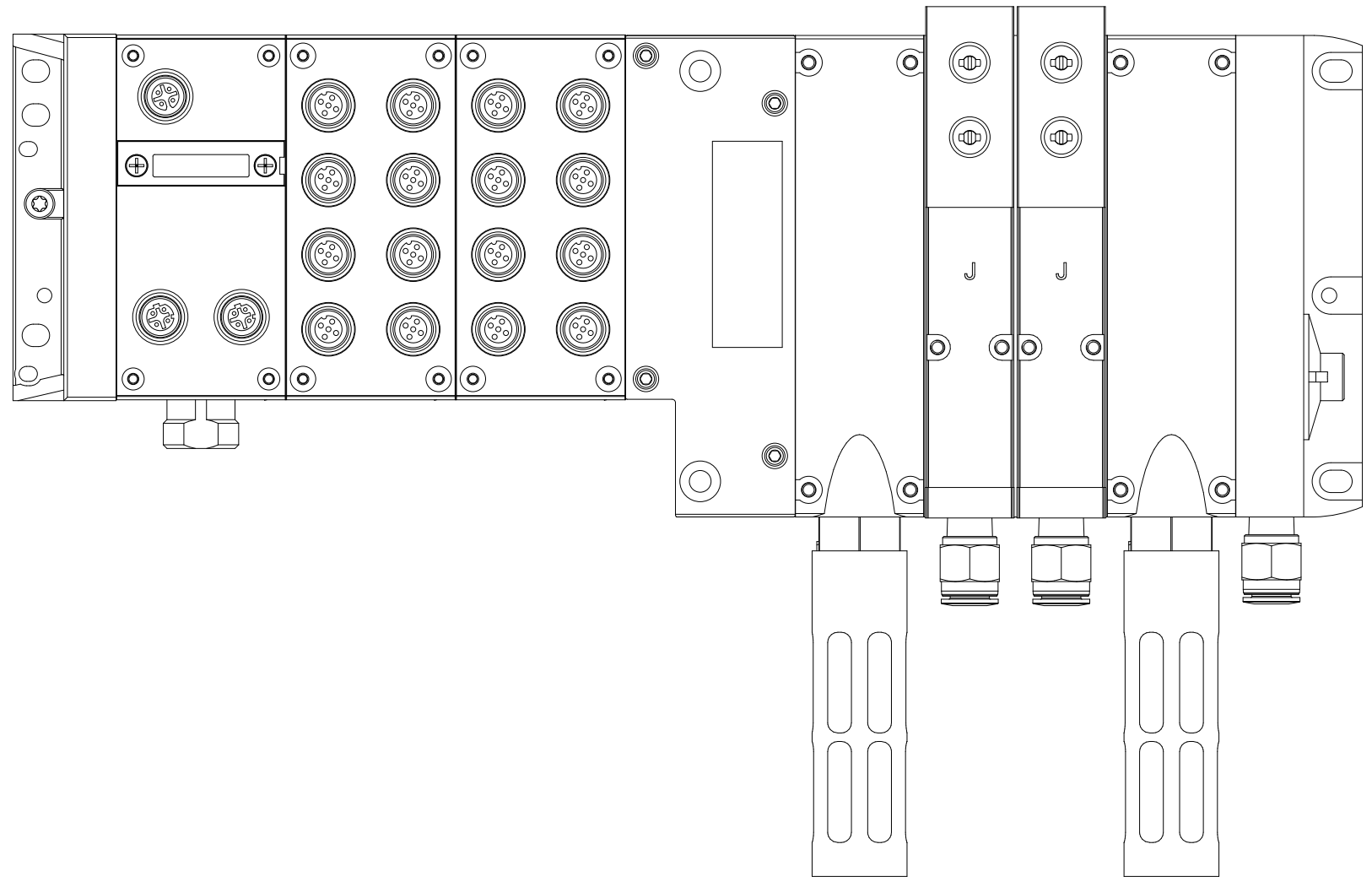
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		Ed.	MKLEPADLO	P6700 Side Skin Roof Outer - Cell 2V08						=2V08&MFS-PNEU	
Modification	Date	Name	Original	Replacement of	Replaced by		Scale 1:1	Document type:	Project nr:		Page
								MFS	22-16147		1
											112

M1



KF1.0

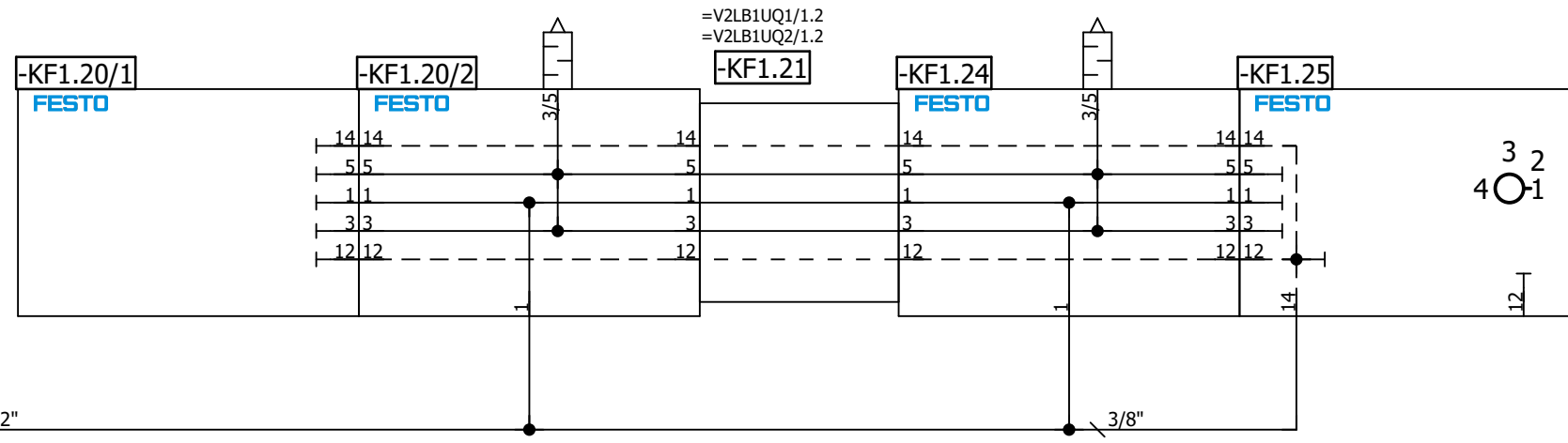
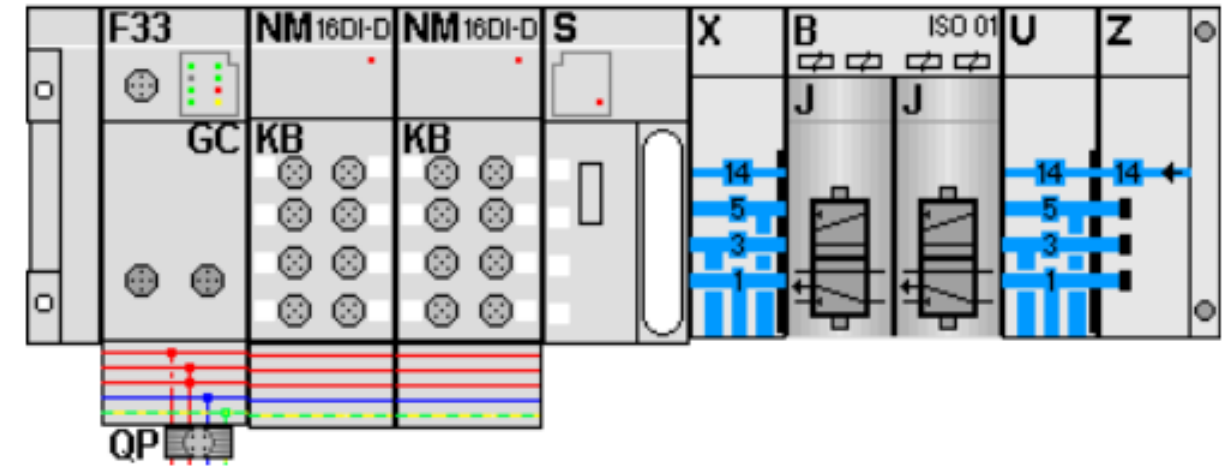


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11

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Appr			Replacement of		Scale 1:1	Document type:	Project nr:	MFS	22-16147
Modification	Date	Name	Original	Replaced by					
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M1

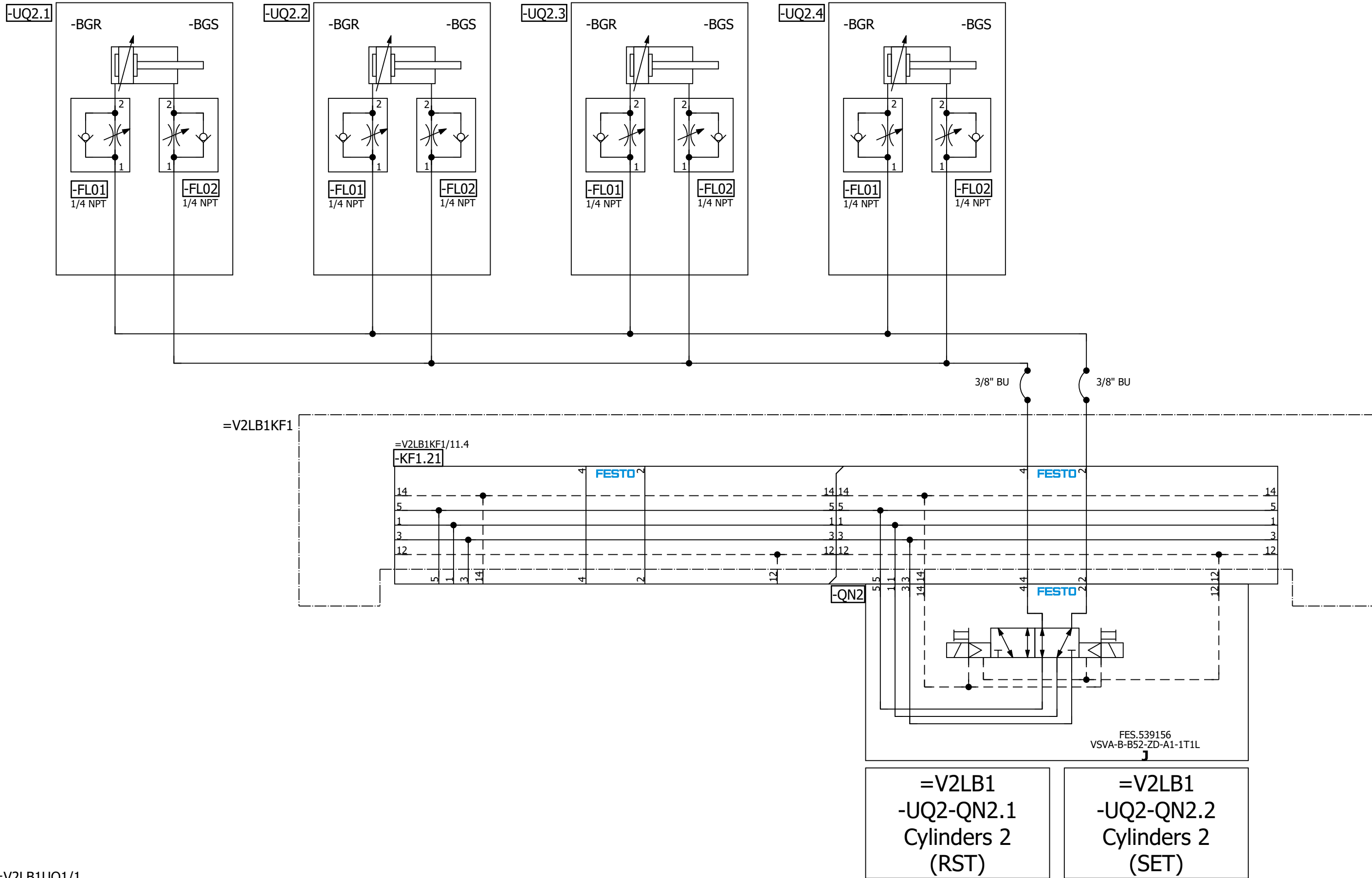


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Appr			Replacement of		Scale 1:1	Document type:	Project nr:	Page	11
Modification	Date	Name	Original	Replaced by					MFS



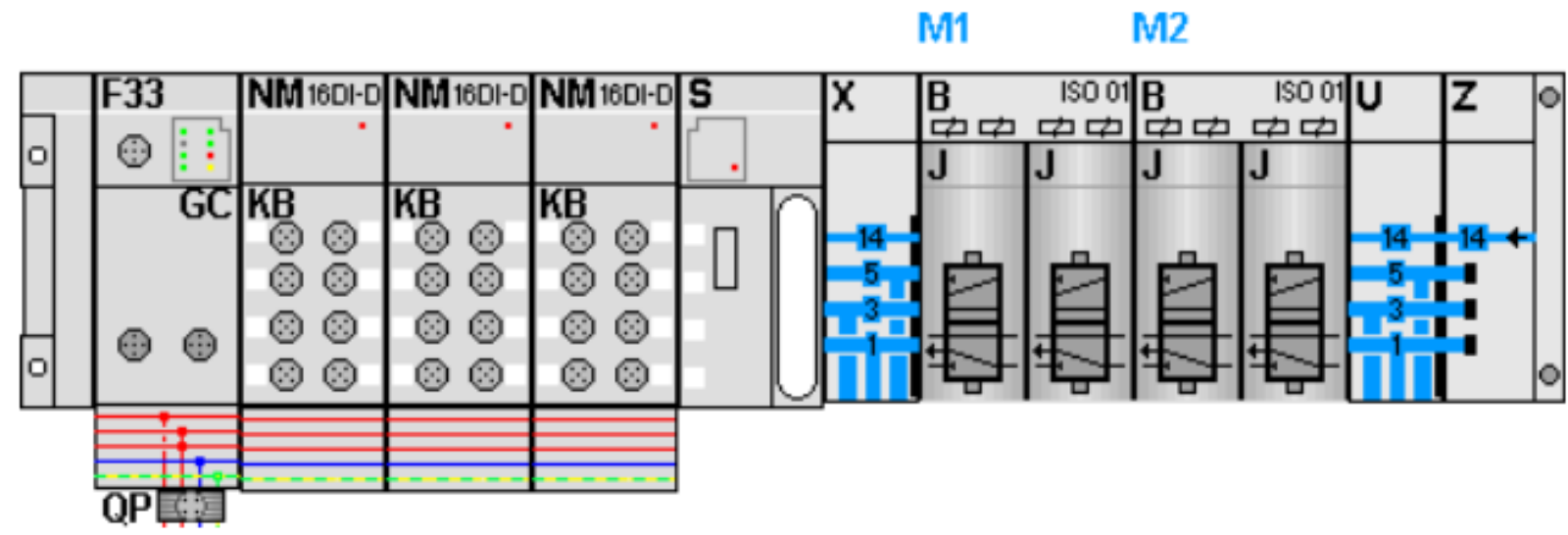


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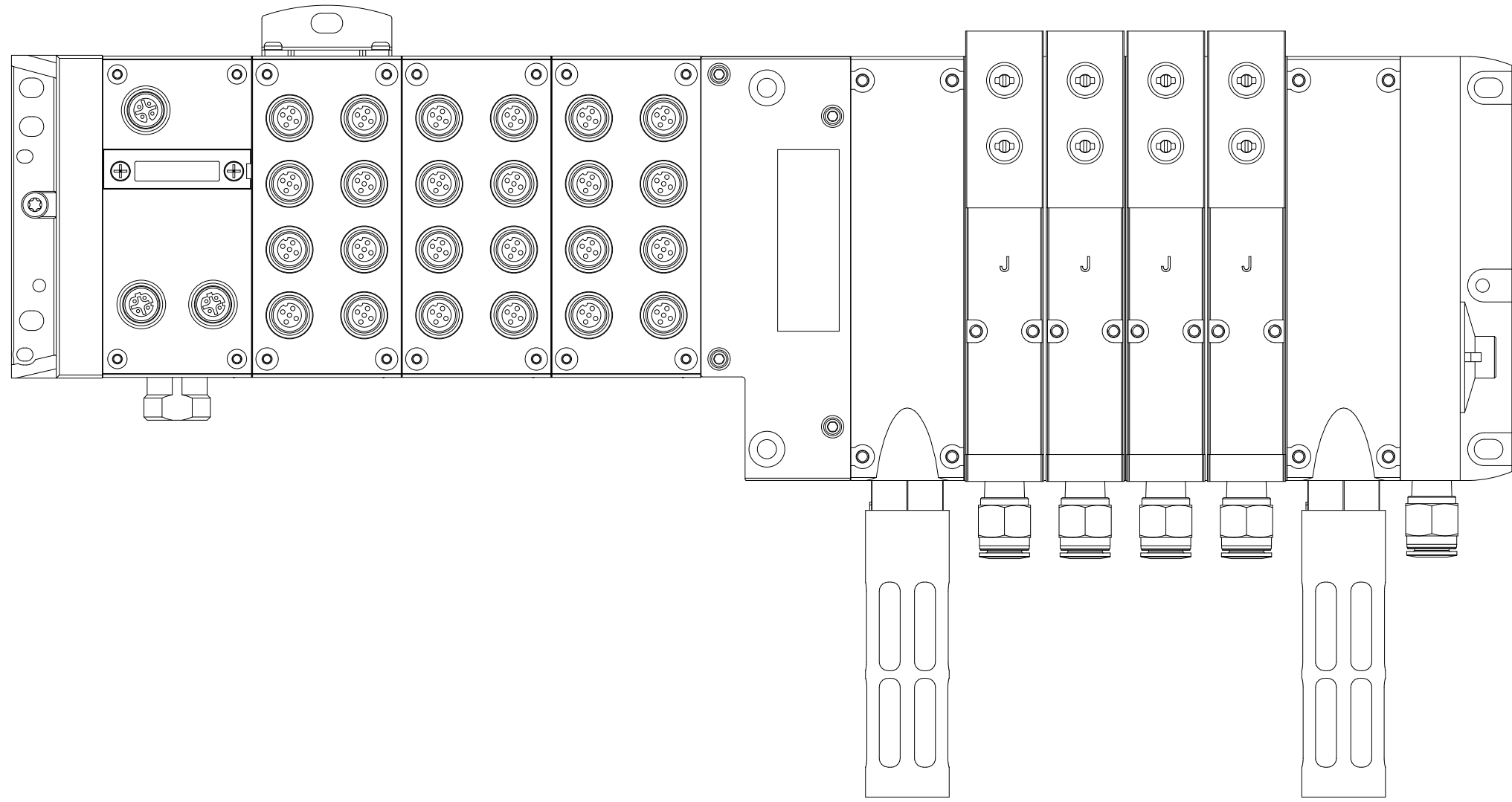
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Modification		Date	Name	Original					112



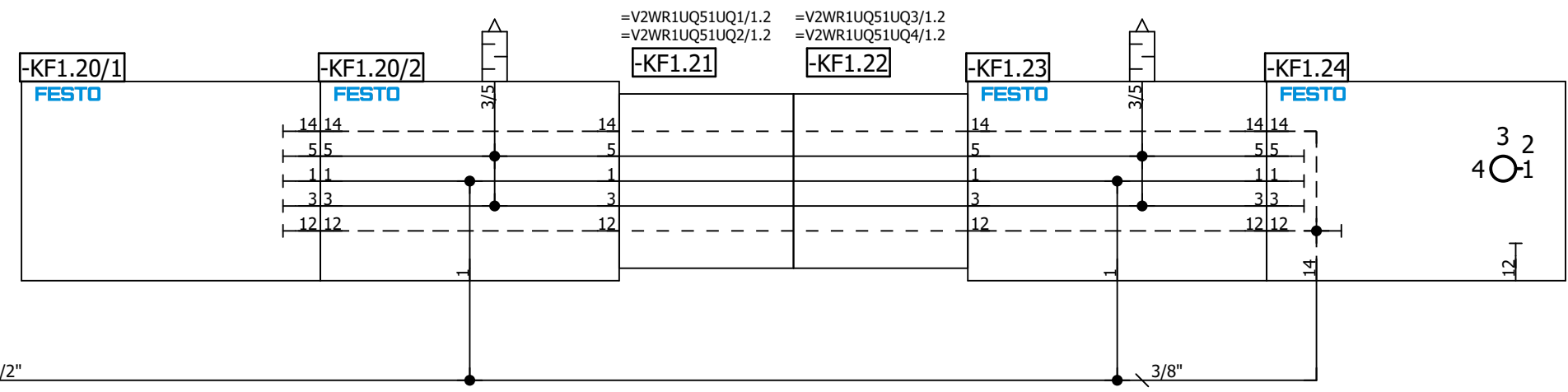
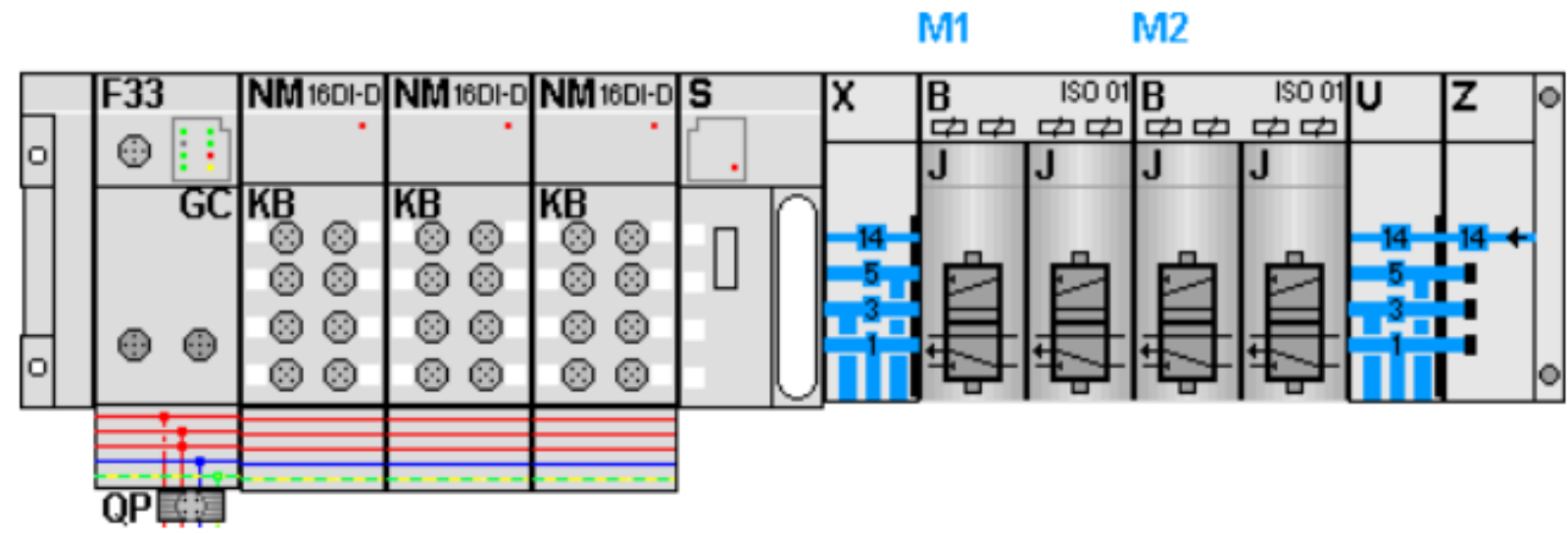


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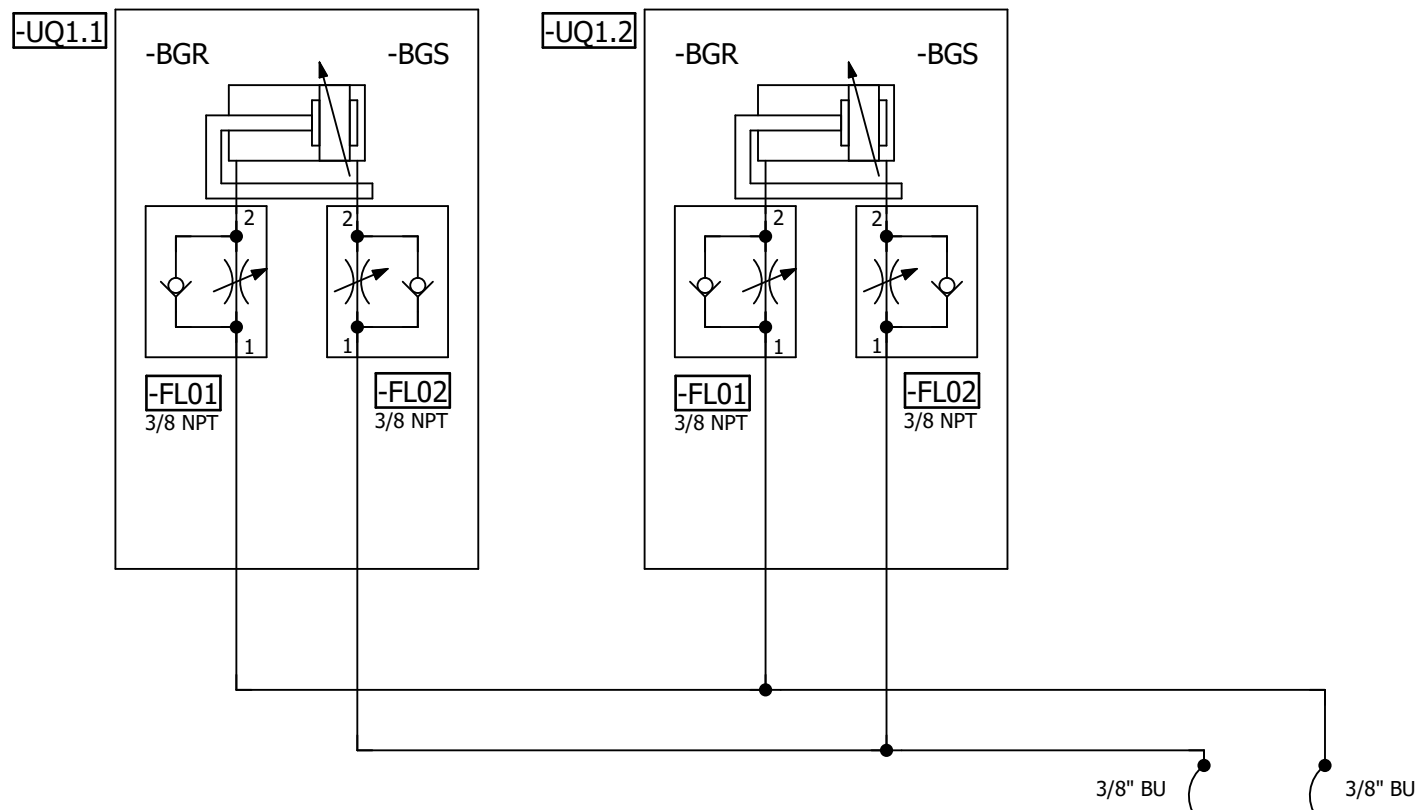
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Appr			Replacement of		Scale 1:1	Document type:	Project nr:	Page	5
Original			Replaced by						MFS

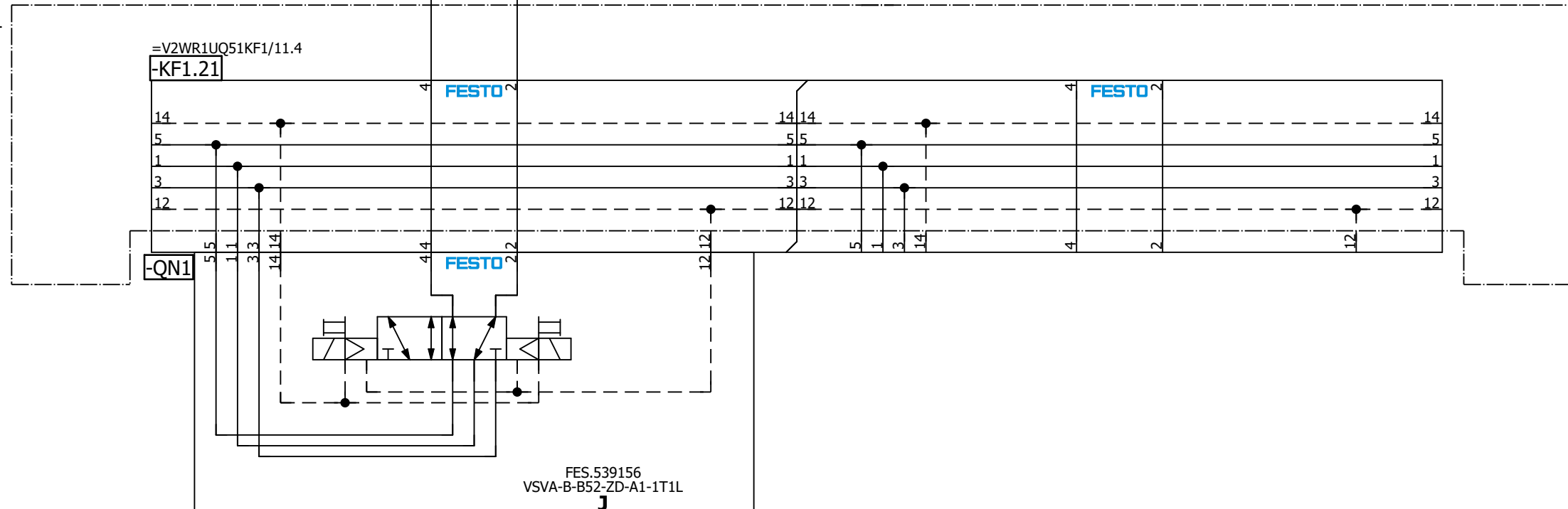


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Appr.			Replacement of		Scale 1:1	Document type:		MFS	Project nr:	22-16147	Page	11
Original			Replaced by			MFS					112	





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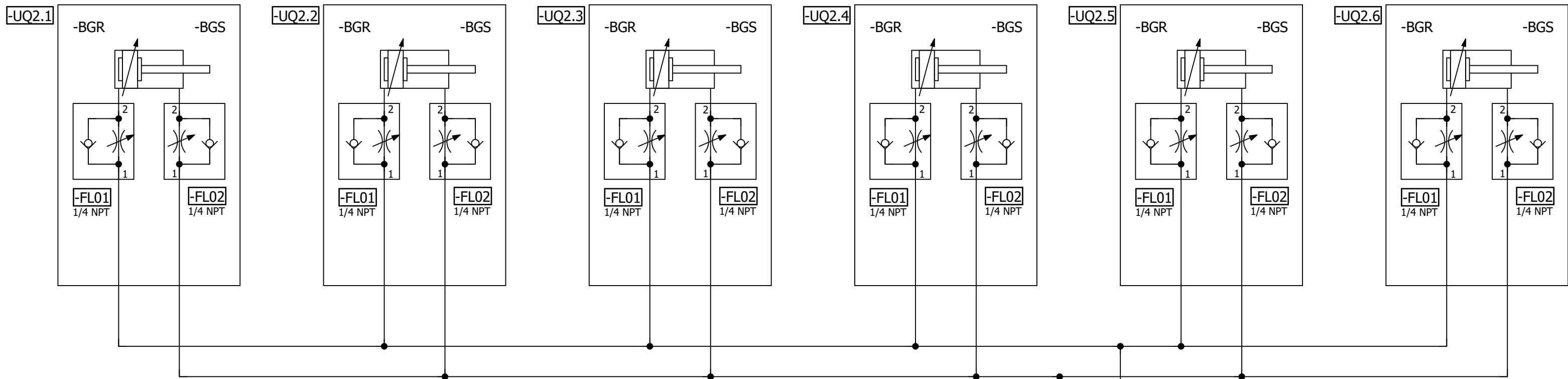
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Shot Pins 1  
(SET)

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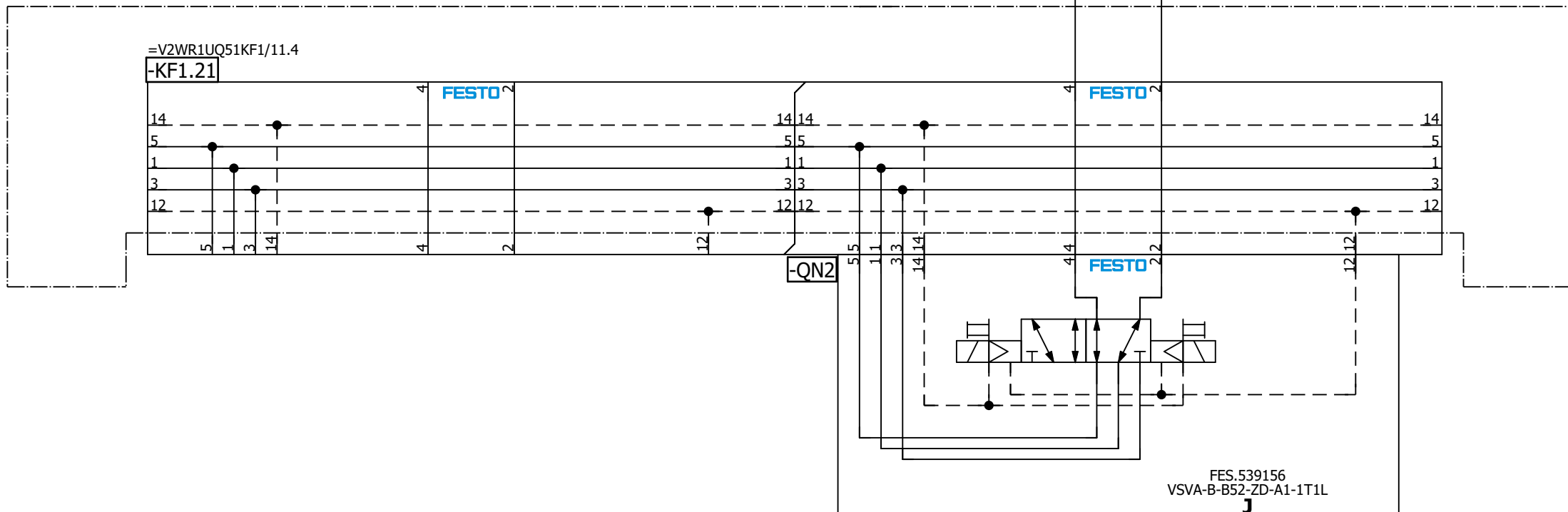
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Ed.		MKLEPADLO	P6700 Side Skin Roof Outer - Cell 2V08				=2V08&MFS-PNEU		+ V2WR1UQ51
Appr			Replacement of		Scale 1:1		Document type:		MFS
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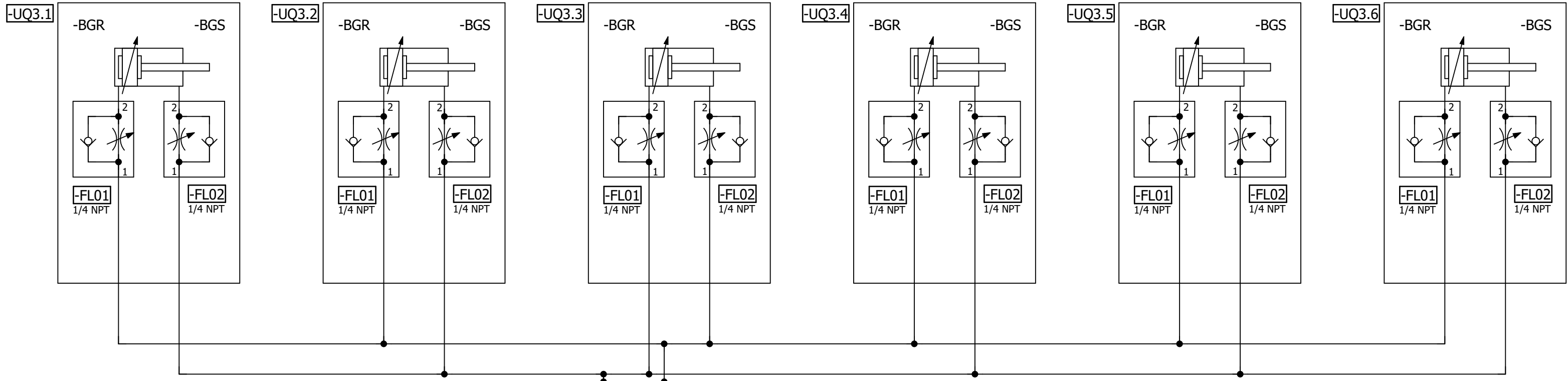


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Clamps 2  
(SET)

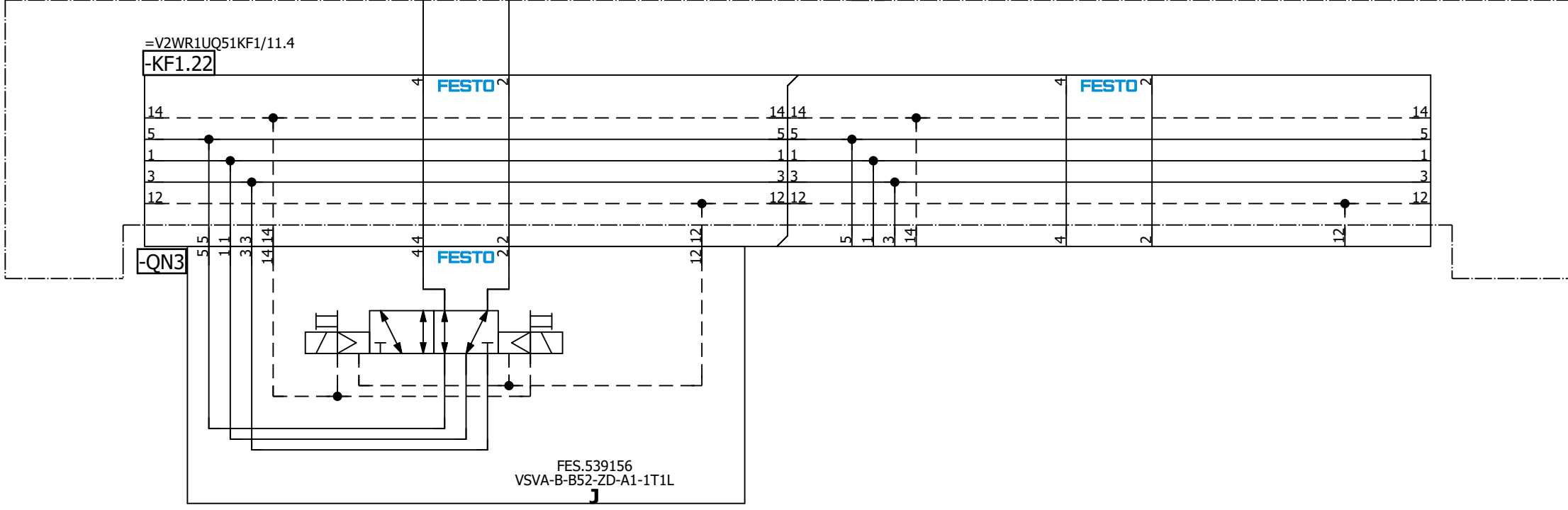
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			Ed.	MKLEPADLO		Scale 1:1	Drawing type:	=2V08&MFS-PNEU	Project nr: 22-16147	
Modification	Date	Name	Appr.				Replacement of	Replaced by		MFS



3/8" BU 3/8" BU

=V2WR1UQ51KF1



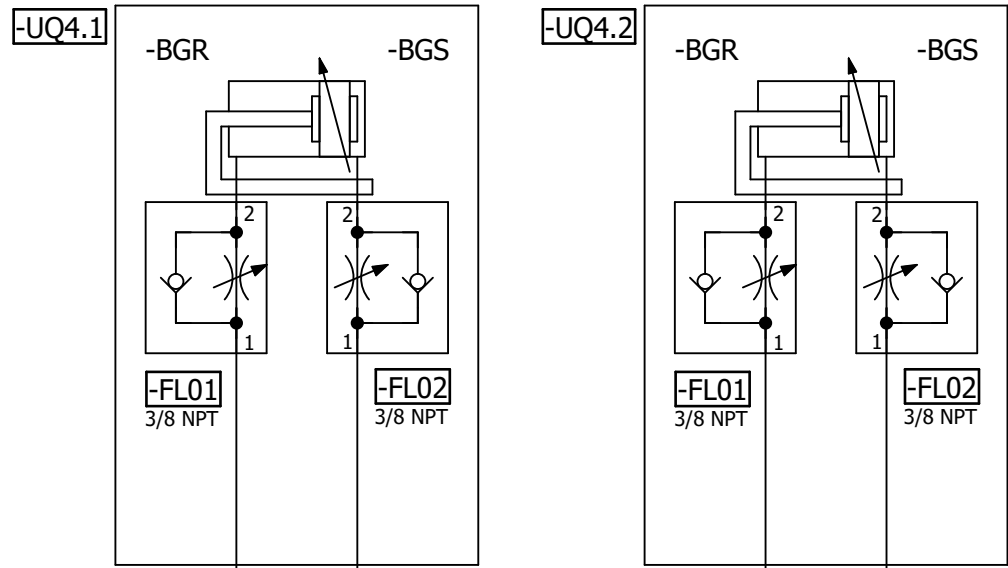
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Clamps 3  
(RST)

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Clamps 3  
(SET)

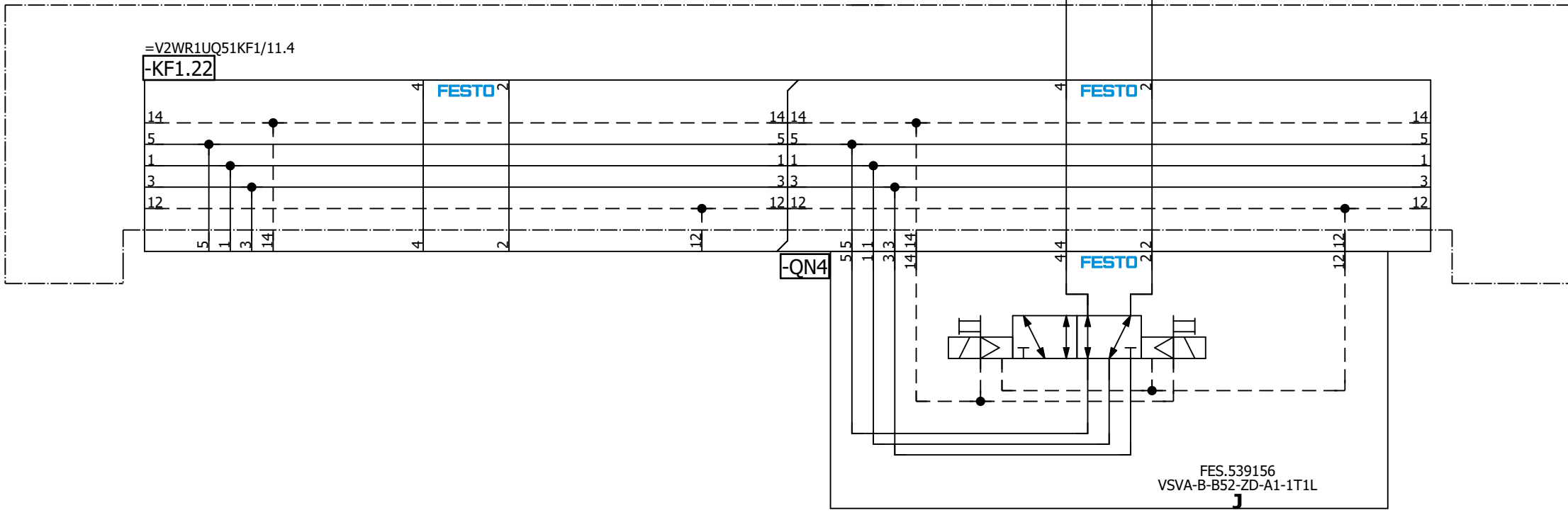
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Original										MFS		22-16147 112	



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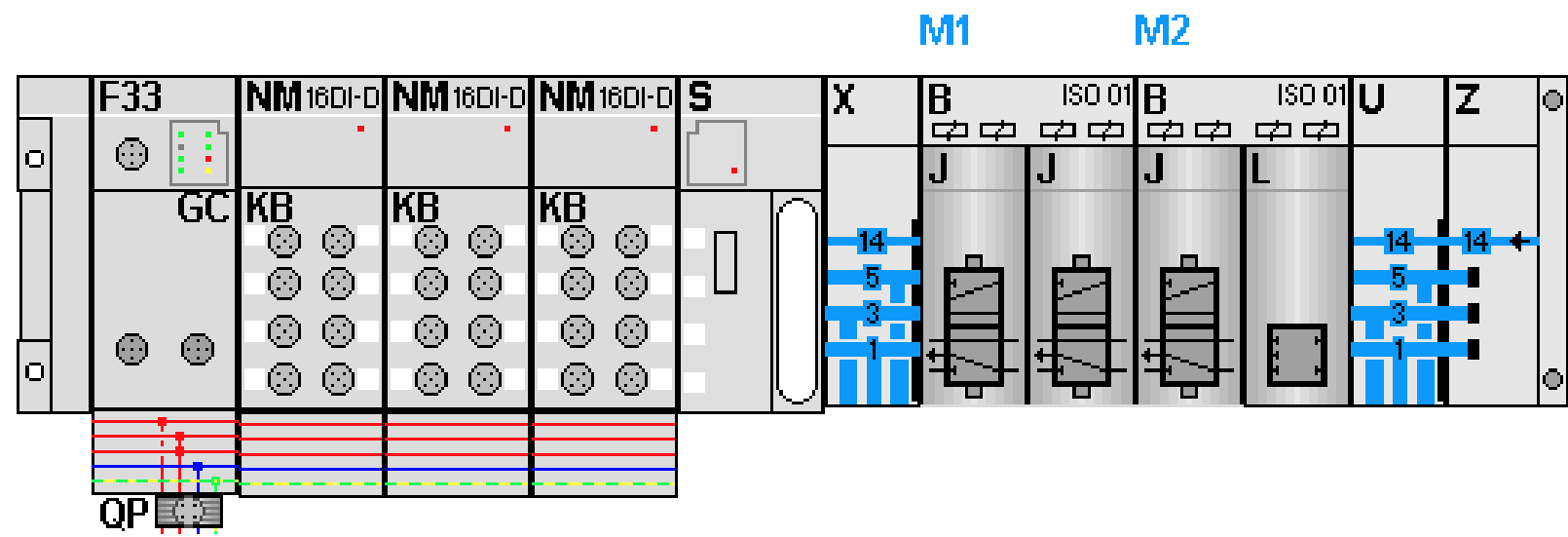


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Shot Pins 4  
(RST)

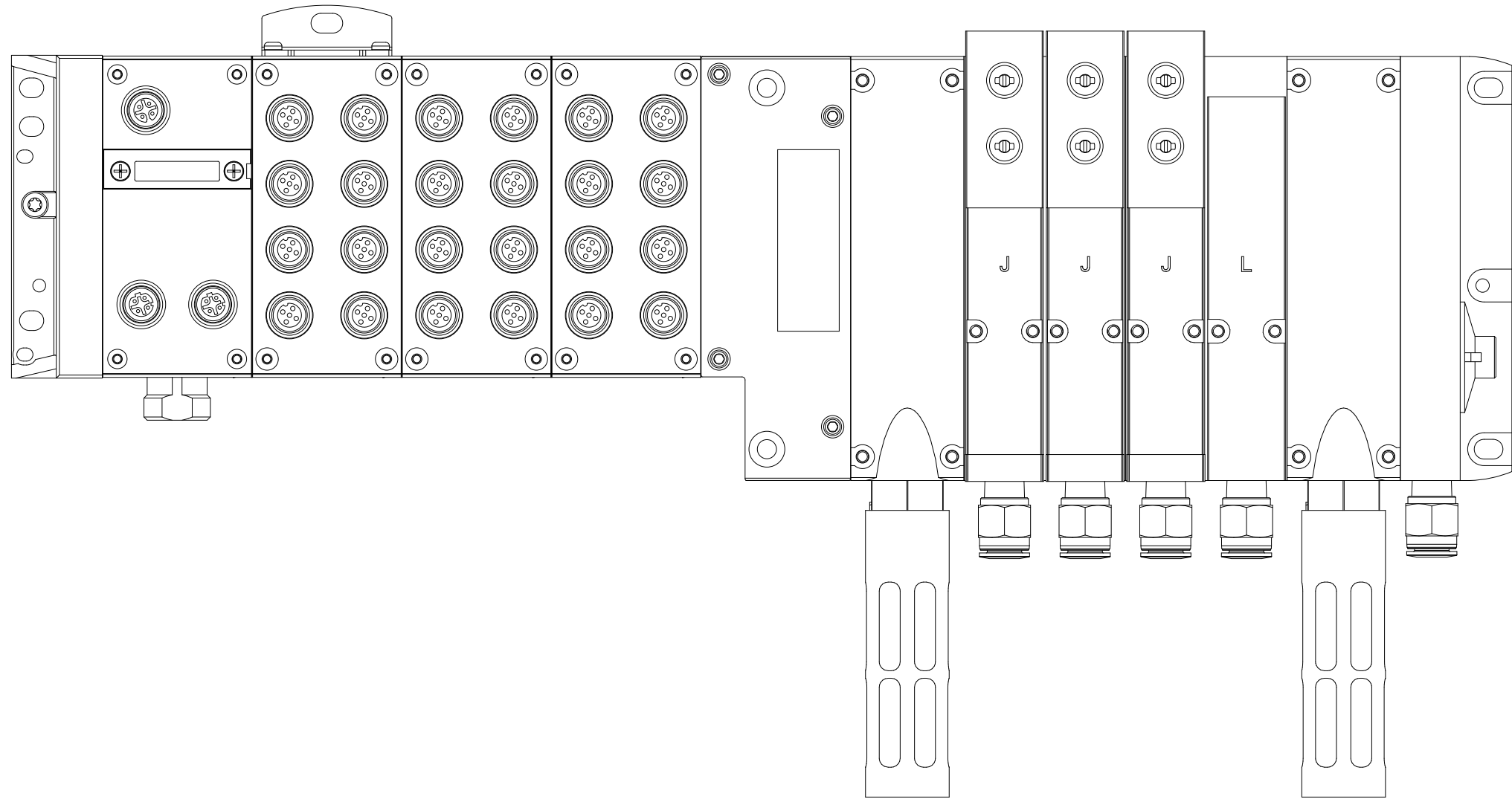
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Shot Pins 4  
(SET)

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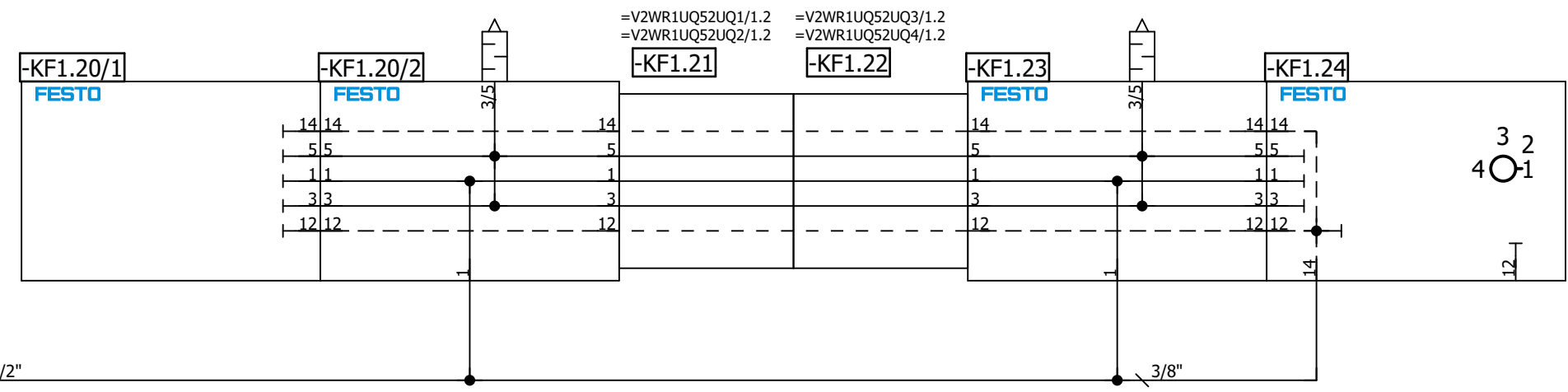
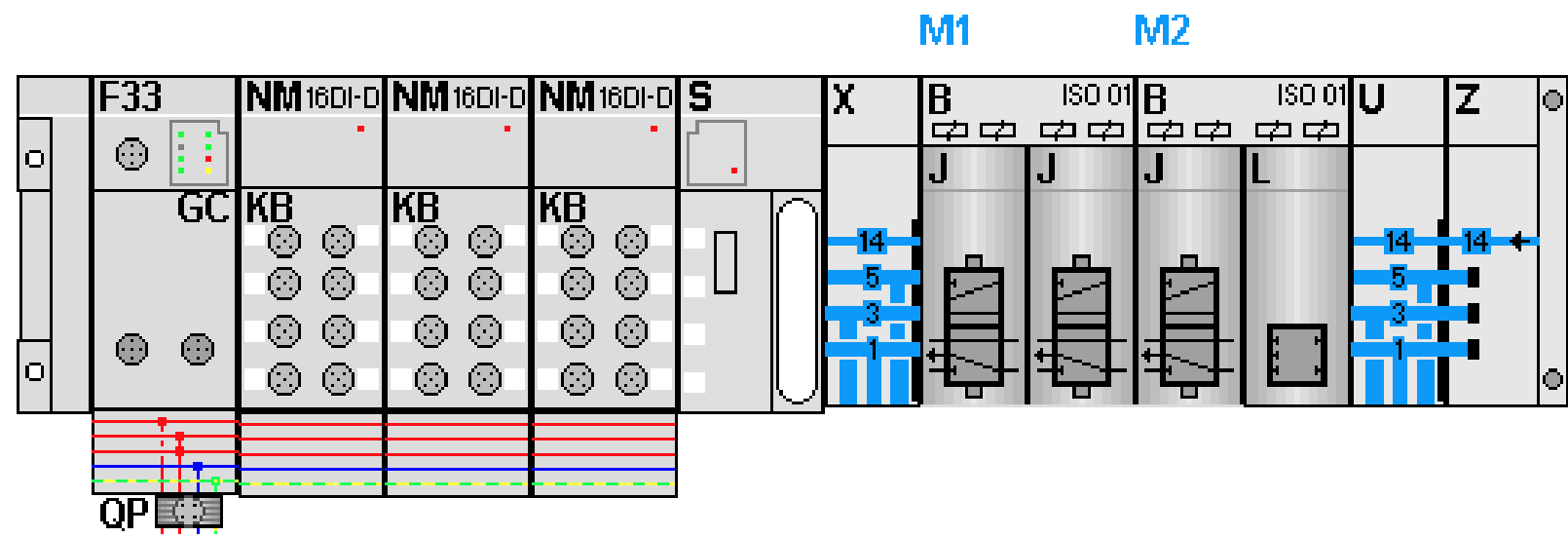
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			Appr					Document type:	MFS
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									1
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KF1.0



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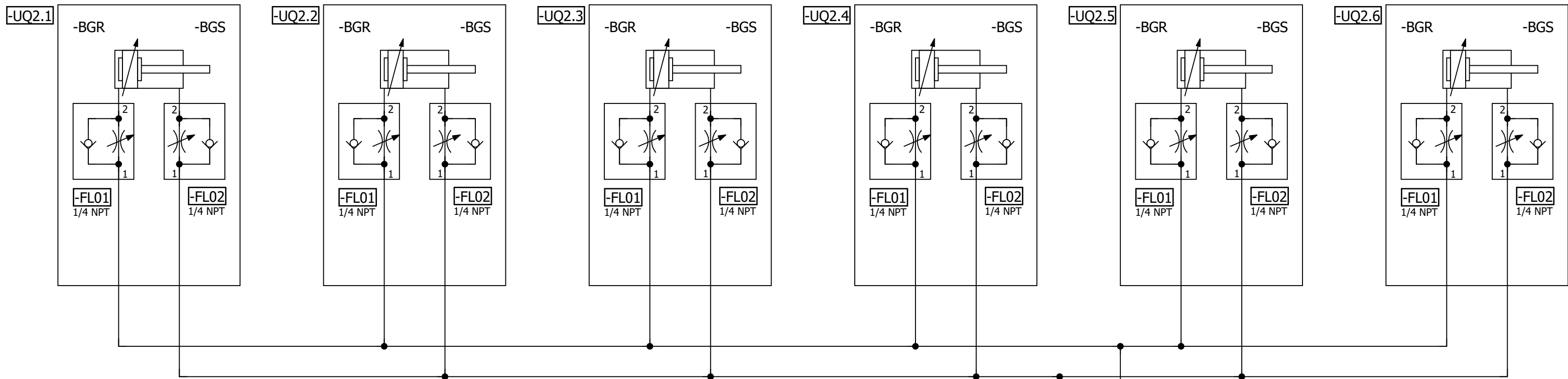


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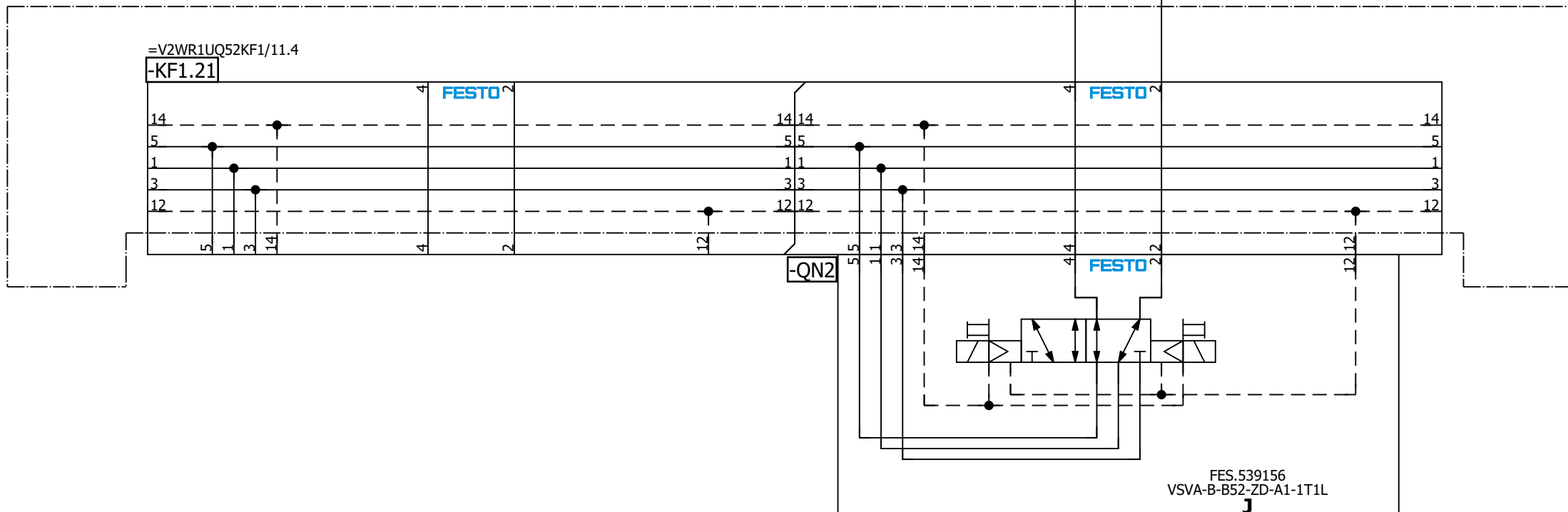
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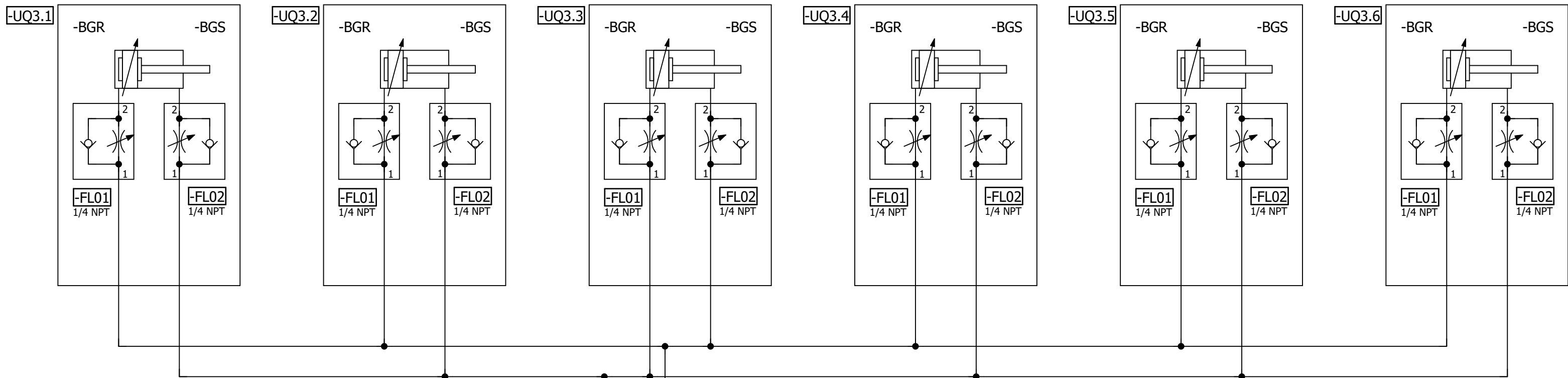
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Clamps 2  
(RST)

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Clamps 2  
(SET)

=V2WR1UQ52UQ3/1

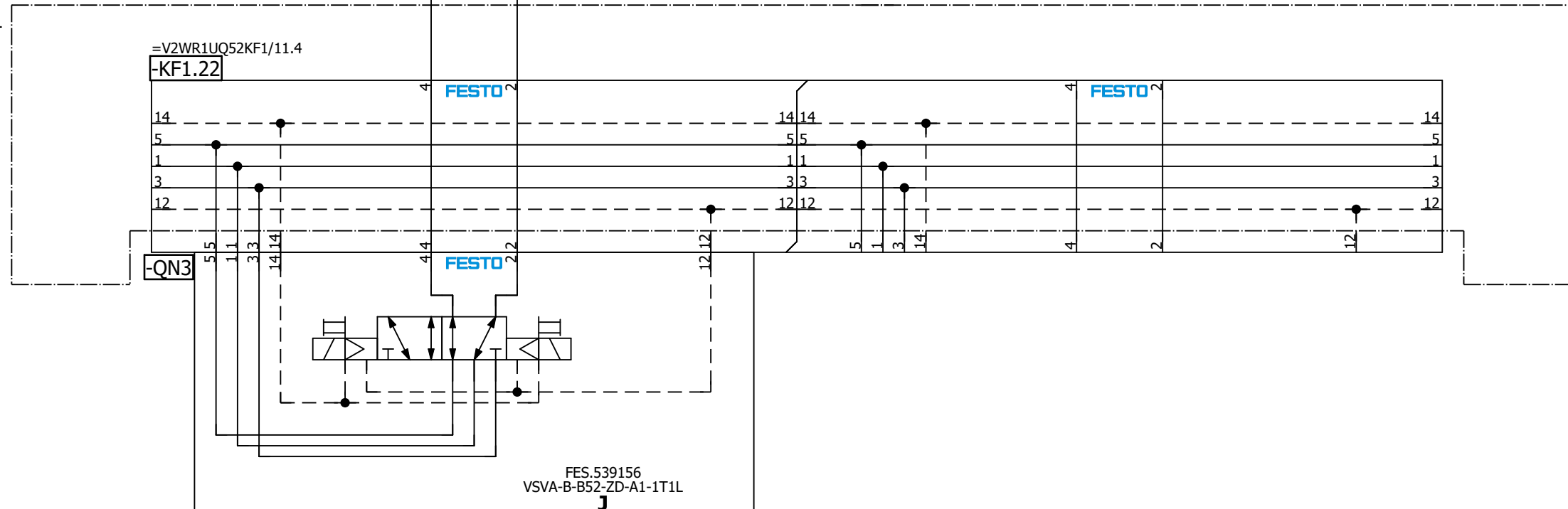
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			Appr.					Replacement of	Replaced by	Document type:
Modification	Date	Name	Original					Project nr:	22-16147	
									Page	1
										112





3/8" BU 3/8" BU

=V2WR1UQ52KF1



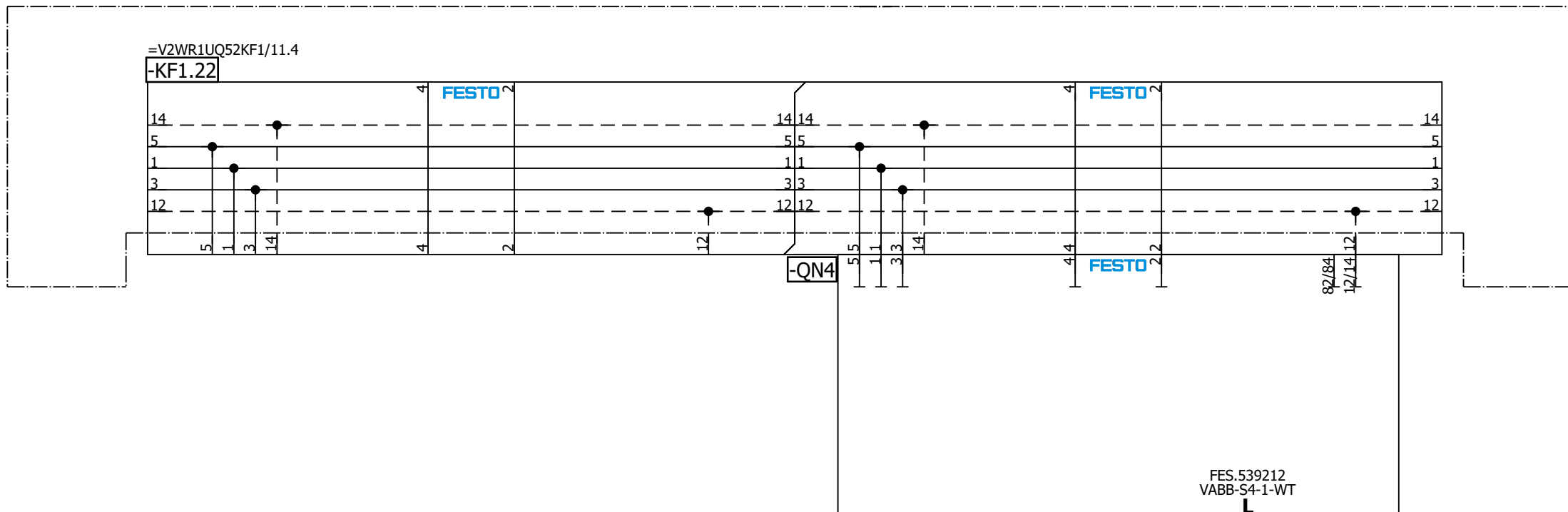
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Clamps 3  
(RST)

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Clamps 3  
(SET)

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Date		1/4/2023	Volvo Trucks North America		Valiant TMS		Clamps 3		Drawing name:		= V2WR1UQ52UQ3	
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Appr.			Replacement of		Replaced by				Project nr:		Page 1	
Original									MFS		22-16147 112	

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&MPB+KH0/1

Date		1/4/2023		Volvo Trucks North America		Valiant TMS		Spare		Drawing name:		= V2WR1UQ52UQ4	
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Appr.				Replacement of		Replaced by				Project nr:		+ V2WR1UQ52	
Modification	Date	Name	Original							MFS		22-16147	
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# Parts list

Device tag	Quantity	Designation	Type number	Supplier	Part number
=KH0-A1	1	On-off valve	MS12-EM-G-S	FES	FES.535031
=KH0-A1	1	Filter regulator	MS12N-LFR-AQW-D7-E-U-M-AS-LD	FES	FES.535025
=KH0-A1	1	Branching module	MS12-FRM-G	FES	FES.541681
=KH0-A1	1	Mounting bracket	MS12-WP	FES	FES.537133
=KH0-A1	1	Pressure sensor	SPAN-P10R-G18M-PN-PN-L1	FES	FES.8035544
=KH0-A1	1	Connecting cable	NEBS-L1G4-K-5-LE4	FES	FES.572577
=KH0-A1	1	Reducing nipple	NPFC-R-G14-G18-MF	FES	FES.8030308




# 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-MBHBH-4J	FES	FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBH-4J
=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
=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
=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
=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
=V1AR11UQ41UQ4-UQ4.4-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ41UQ4-UQ4.4-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658

+KH1/1

+ .AR11UQ42/1

Date	1/4/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=		
Ed.	MKLEPADLO	P6700 Side Skin Roof Outer - Cell 2V08		FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBH-4J - FES.534658	F2V08&MFS-PNEU	+ V1AR11UQ41		
Appr				Scale 1:1	& 32P-TJQ-R-MBHBH-4J - FES.534658	Document type:	Project nr:	Page 1
Modification	Date	Name	Original	Replacement of	Replaced by	MPB	22-16147	112

# Parts list

F01\_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1AR11UQ42KF1-KF1.0	1	Valve manifold	51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBH-6J	FES	FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBH-6J
=V1AR11UQ42KF1-KF1.21	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ42KF1-KF1.22	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ42KF1-KF1.23	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ42UQ1-QN1	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ42UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ1-UQ1.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ1-UQ1.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ1-UQ1.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ1-UQ1.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ1-UQ1.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ1-UQ1.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-QN2	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ42UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ2-UQ2.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ42UQ3-QN3	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ42UQ3-UQ3.1-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ42UQ3-UQ3.1-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ42UQ3-UQ3.2-FL01	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ42UQ3-UQ3.2-FL02	1	One-way flow control valve	GRLA-1/8-QB-1/4-U	FES	FES.534658
=V1AR11UQ42UQ4-QN4	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ42UQ5-QN5	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ42UQ6-QN6	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953

+ .AR11UQ41/1

+ .AR11UQ43/1

Date	1/4/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Side Skin Roof Outer - Cell 2V08	Scale 1:1	FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBH-6J - FES.537953	F2V08&MFS-PNEU	+ V1AR11UQ42	
Appr							Document type:
Modification	Date	Name	Original	Replaced by	MPB	22-16147	1
							112

# Parts list

F01\_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1AR11UQ43KF1-KF1.0	1	Valve manifold	51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBH-6J	FES	FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBH-6J
=V1AR11UQ43KF1-KF1.21	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ43KF1-KF1.22	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ43KF1-KF1.23	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR11UQ43UQ1-QN1	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ43UQ2-QN2	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ43UQ3-QN3	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ43UQ3-UQ3.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ3-UQ3.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ3-UQ3.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ3-UQ3.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ4-QN4	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ43UQ4-UQ4.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ4-UQ4.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ4-UQ4.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ4-UQ4.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ5-QN5	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR11UQ43UQ5-UQ5.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ5-UQ5.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ5-UQ5.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ5-UQ5.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR11UQ43UQ6-QN6	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953

+ .AR11UQ42/1

+ .AR201UQ41/1

Date		1/4/2023		Volvo Trucks North America		Valiant TMS		Parts list :		Drawing name:		=	
Ed.		MKLEPADLO		P6700 Side Skin Roof Outer - Cell 2V08		Scale 1:1		FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBHBH-6J - FES.537953		F2V08&MFS-PNEU		+ V1AR11UQ43	
Appr										Document type:		Project nr:	
Modification	Date	Name	Original	Replacement of	Replaced by			MPB		22-16147		1	
												112	








# Parts list

F01\_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V1AR201UQ42KF1-KF1.0	1	Valve Manifold	51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBH-4J	FES	FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBH-4J
=V1AR201UQ42KF1-KF1.21	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR201UQ42KF1-KF1.22	0	Subbase	VMPA2-FB-AP-2-1	FES	FES.538000
=V1AR201UQ42UQ1-QN1	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR201UQ42UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ1-UQ1.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ1-UQ1.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ1-UQ1.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ1-UQ1.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ2-QN2	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR201UQ42UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ2-UQ2.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ2-UQ2.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ2-UQ2.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ2-UQ2.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-1/4-U	FES	FES.534661
=V1AR201UQ42UQ3-QN3	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953
=V1AR201UQ42UQ4-QN4	0	Solenoid valve	VMPA2-M1H-J-PI	FES	FES.537953

+ .AR201UQ41/1

+ .PF1/1

Date	1/4/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=
Ed.	MKLEPADLO	P6700 Side Skin Roof Outer - Cell 2V08		FES.51E-F33GCQPNMKBNMKBNMKB-D-UL1+GS2GZBA & 32P-TJQ-R-MBHBH-4J - FES.537953	F-2V08&MFS-PNEU	+ V1AR201UQ42
Appr				Scale 1:1	Document type:	Project nr:
Original		Replacement of	Replaced by	& 32P-TJQ-R-MBHBH-4J - FES.537953	MPB	22-16147
Modification	Date	Name				112










# Parts list

F01\_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V2LB1KF1-KF1.0	1	Valve manifold	51E-F33GCQPNMKBNMKBNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BU-SASA	FES	FES.51E-F33GCQPNMKBNMKBNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BU-SASA
=V2LB1KF1-KF1.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V2LB1UQ1-QN1	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V2LB1UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ1-UQ1.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ1-UQ1.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ1-UQ1.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ1-UQ1.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ2-QN2	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V2LB1UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ2-UQ2.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ2-UQ2.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ2-UQ2.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ2-UQ2.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ2-UQ2.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2LB1UQ2-UQ2.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663

+V1WR1UQ52/1

+ .WR1UQ51/1

Date	1/4/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Side Skin Roof Outer - Cell 2V08		FES.51E-F33GCQPNMKBNMKBNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BU-SASA - FES.534663	51E-F33GCQPNMKBNMKBNMKBNMKB-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BU-SASA - FES.534663	+ V2LB1	
Appr				Scale 1:1	Document type:	Project nr:	Page
Modification	Date	Name	Original	Replaced by	MPB	22-16147	1
							112






# Parts list

F01\_001

Device tag	Quantity	Designation	Type number	Supplier	Part number
=V2WR1UQ52KF1-KF1.0	1	Valve Manifold	51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BBU-3JL	FES	FES.51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BBU-3JL
=V2WR1UQ52KF1-KF1.21	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V2WR1UQ52KF1-KF1.22	0	Manifold subbase	VABV-S4-1HS-N14-2T2		FES.546213
=V2WR1UQ52UQ1-QN1	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V2WR1UQ52UQ1-UQ1.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ1-UQ1.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ1-UQ1.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ1-UQ1.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-QN2	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V2WR1UQ52UQ2-UQ2.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ2-UQ2.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-QN3	0	Solenoid valve	VSVA-B-B52-ZD-A1-1T1L	FES	FES.539156
=V2WR1UQ52UQ3-UQ3.1-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.1-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.2-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.2-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.3-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.3-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.4-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.4-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.5-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.5-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.6-FL01	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ3-UQ3.6-FL02	1	One-way flow control valve	GRLA-1/4-QB-3/8-U		FES.534663
=V2WR1UQ52UQ4-QN4	0	Blanking plate	VABB-S4-1-WT		FES.539212

+ .WR1UQ51/1

Date	1/4/2023	Volvo Trucks North America	Valiant TMS	Parts list :	Drawing name:	=	
Ed.	MKLEPADLO	P6700 Side Skin Roof Outer - Cell 2V08		FES.51E-F33GCQPNMKBNMKBNMK-B-S-UL1+GS2GZBA & 45PN-R-Z-LSMX-BBU-3JL - FES.539212	F-2V08&MFS-PNEU	+ V2WR1UQ52	
Appr							Document type:
Modification	Date	Name	Original	Replaced by	MPB	22-16147	1
				Scale 1:1			112