

Characteristics to VDI 3290			Pressures quoted as gauge pressure	
Characteristics	Symbol	Unit	Description	
General Features				
Type			Spool valve	
Mounting			2 screws M5 (M3)	
Tube connection			Thread	
Port size			G1/8; 7.4 deep	
Weight (mass)		kg	0.180	
Installation			In any position	
Ambient temperature range	$\vartheta_{\min}$ $\vartheta_{\max}$	°C °C	-10 +60	Note: When using below freezing point (°C) it is necessary to consult us.
Medium temperature range	$\vartheta_{\min}$ $\vartheta_{\max}$	°C °C	-10 +70	
Medium			Filtered compressed air	
Lubrication			With or without oil mist lubrication ¹⁾	
Pneumatic Characteristics				
Nominal pressure	p _n	bar	6	
Operating pressure range	p _{min} p _{max}	bar bar	0 10	
Nominal flow	Q _N	l/min	500	
Actuation				
Pneumatic			Direct	
Actuation pressure range	p _{st min} p _{st max}	bar bar	2.5 10	

¹⁾ We recommend the use of mineral oil type VG 32 to ISO 3448

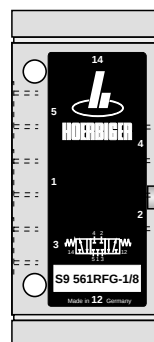
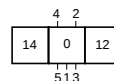
5/3 Way Valve

G1/8

Actuation:
Pneumatic
- by permanent signal

Series S9

S9 561RF.-1/8

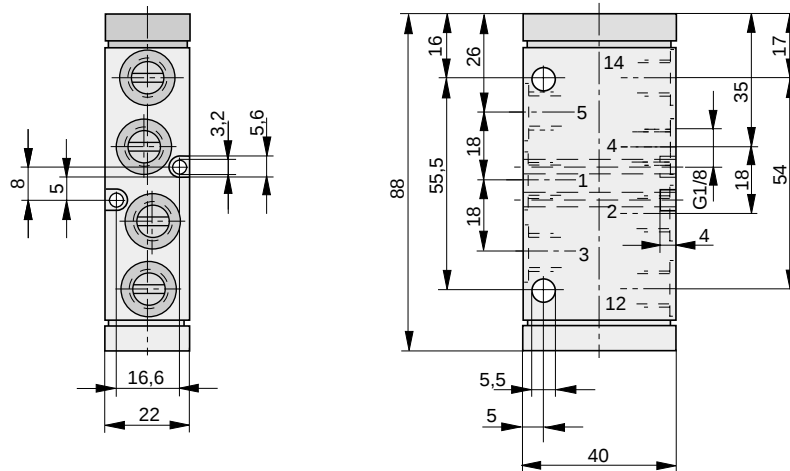


HOERBIGER
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For product group list see 3.42.001E

Data Sheet No. 3.42.102E-1

Dimensions (mm)



Order instructions

Actuation	Middle position function	Symbol	Type	Order Instructions Order No.
Pneumatic, by permanent signal spring return to middle position	Middle position closed		S9 561RFG-1/8	PA 10330
	Middle position exhausted		S9 561RFE-1/8	PA 10331
	Middle position pressurized		S9 561RFB-1/8	PA 10332

Characteristics to VDI 3290			Pressures quoted as gauge pressure	
Characteristics	Symbol	Unit	Description	
General Features				
Type			Spool valve	
Mounting			2 screws M6 (M4)	
Tube connection			Thread	
Port size			G1/4; 11 deep	
Weight (mass)		kg	0.53	
Installation			In any position	
Ambient temperature range	$\vartheta_{\min}$ $\vartheta_{\max}$	°C °C	-10 +60	Note: When using below freezing point (°C) it is necessary to consult us.
Medium temperature range	$\vartheta_{\min}$ $\vartheta_{\max}$	°C °C	-10 +70	
Medium			Filtered compressed air	
Lubrication			With or without oil mist lubrication ¹⁾	
Pneumatic Characteristics				
Nominal pressure	p _n	bar	6	
Operating pressure range	p _{min} p _{max}	bar bar	0 10	1300 - Type RFG, RFB 1000 - Type RFE
Nominal flow	Q _N	l/min		
Actuation				
Pneumatic			Direct	
Actuation pressure range	p _{st min} p _{st max}	bar bar	2 10	

¹⁾ We recommend the use of mineral oil type VG32 to ISO 3448

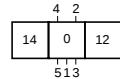
5/3 Way Valve

G1/4

Actuation:
Pneumatic by permanent signal

Series S9

S9 561RF.-1/4

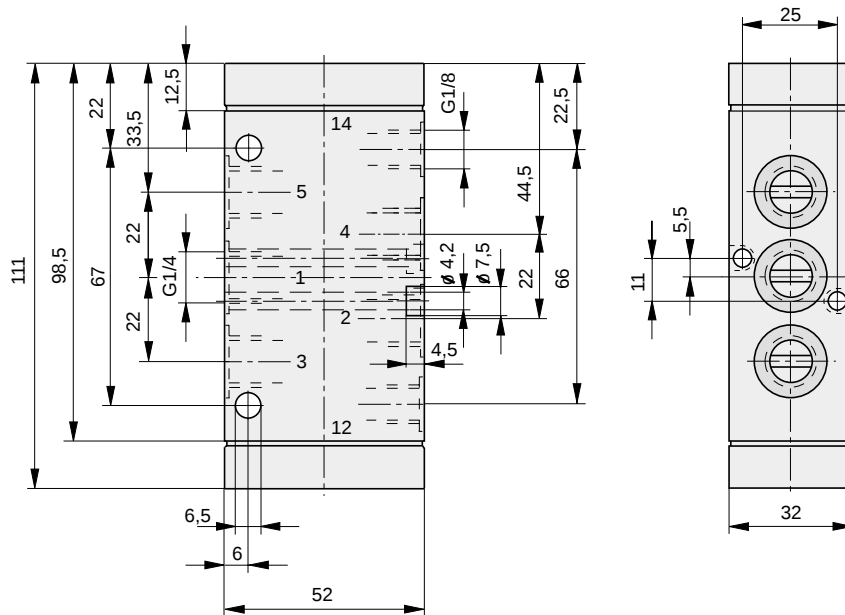


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For product group list see 3.52.001E

Data Sheet No. 3.52.103E-1

Dimensions (mm)



Order Instructions

Actuation	Middle position function	Symbol	Order Instructions	
			Type	Order No.
Pneumatic, by permanent signal, with spring return to middle position	Middle position closed		S9561RFG-1/4	PA 12702
	Middle position during ventilization		S9561RFE-1/4	PA 12703
	Middle position during pressurization		S9561RFB-1/4	PA 12704

Characteristics to VDI 3290		Pressures quoted as gauge pressure	
Characteristics	Symbol	Unit	Description
General Features			
Type			Spool valve
Mounting			2 screws M6
Tube connection			Thread
Port size			G1/2; 16 deep
Weight (mass)		kg	0.9
Installation			In any position
Ambient temperature range	$\vartheta_{\min}$ $\vartheta_{\max}$	°C °C	-10 +60
Medium temperature range	$\vartheta_{\min}$ $\vartheta_{\max}$	°C °C	-10 +70
Medium			Filtered compressed air
Lubrication			With or without oil mist lubrication ¹⁾
Pneumatic Characteristics			
Nominal pressure	p_n	bar	6
Operating pressure range	$p_{\min}$ $p_{\max}$	bar bar	0 10
Nominal flow	Q_N	l/min	3500 - Type RFG 3600 - Type RFB 3300 - Type RFE
Actuation			
Pneumatic			Direct
Actuation pressure range	$p_{st\min}$ $p_{st\max}$	bar bar	2.5 10

¹⁾ We recommend the use of mineral oil type VG32 to ISO 3448

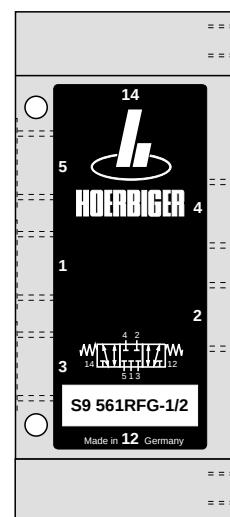
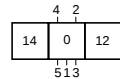
5/3 Way Valve

G1/2

Actuation:
Pneumatic by permanent signal

Series S9

S9 561RF.-1/2

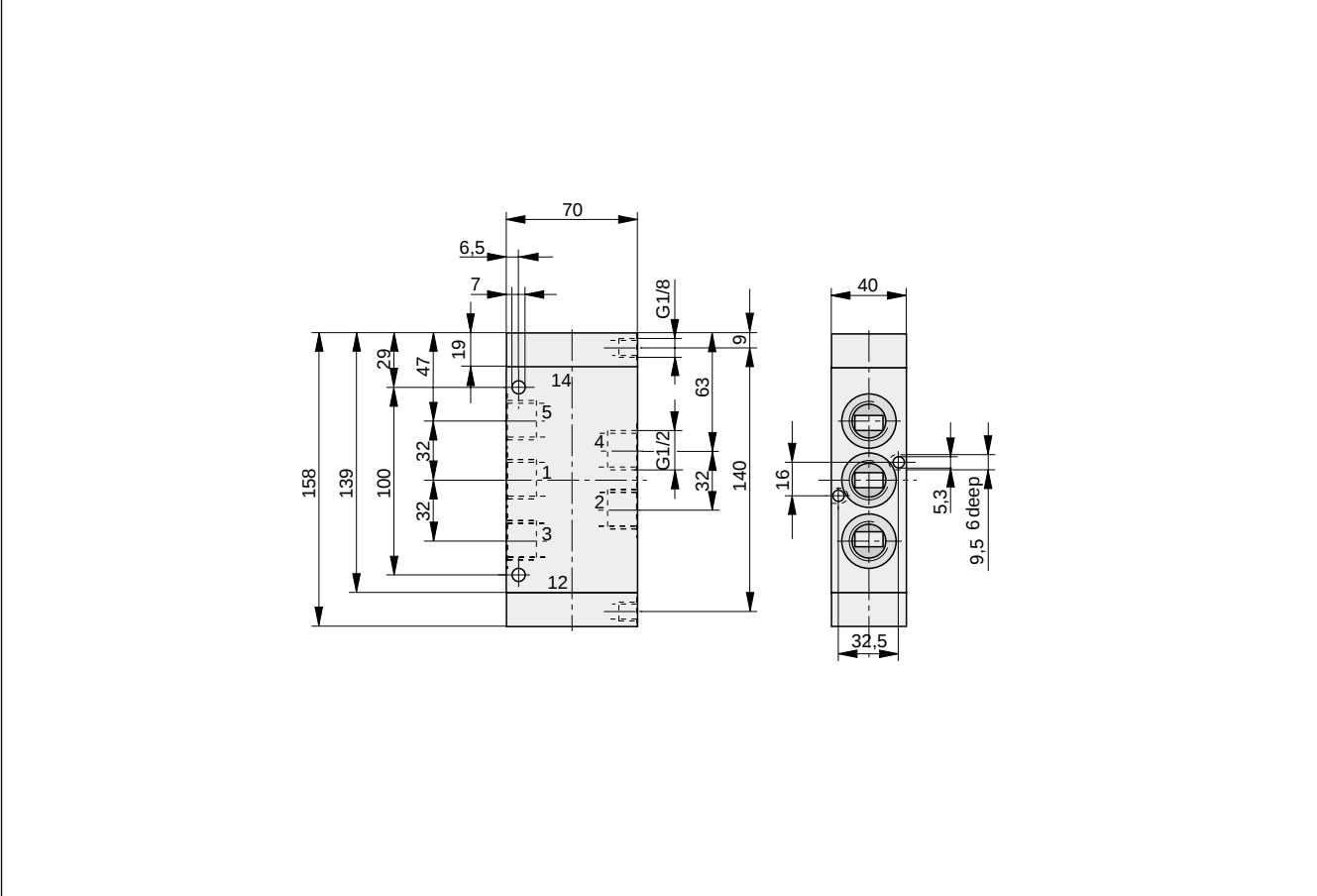


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ORIGA

For product group list see 3.53.001E

Data Sheet No. 3.53.102E-1

Dimensions (mm)



Order Instructions

Actuation	Middle position function	Symbol	Order Instructions	
			Type	Order No.
Pneumatic by permanent signal, spring return to middle position	Middle position closed		S9 561RFG-1/2	PA 16168
	Middle position exhausted		S9 561RFE-1/2	PA 16169
	Middle position pressurized		S9 561RFB-1/2	PA 16170