

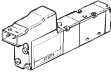
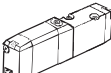
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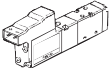
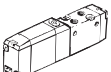
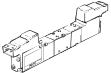
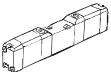
- ➔ Main catalogue  
on CD-ROM  
or
- ➔ [www.festo.com](http://www.festo.com)

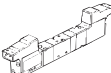
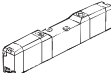
# Solenoid valves MZH, Micro pneumatic; MYH, Mini pneumatic

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Product range overview

Function	Version	Type	Nominal flow rate [l/min]	Pneumatic connection	Operating voltage [V DC]
3/2-way valves	<b>Solenoid valve – Micro pneumatic</b>				
		MZH-3-0,4...	4.0	0.4 mm	24
		MZH-3-...	80	M3	
				1.5 mm	
	MOZH-3-...	80	M3		
				1.5 mm	
	<b>Solenoid valve – Mini pneumatic</b>				
		MYH-3-0,9...	20	0.9 mm	24
		MYH-3-...	190	M5	
2.3 mm					
MOYH-3-...		170	M5		
	2.3 mm				

Function	Version	Type	Nominal flow rate [l/min]	Pneumatic connection	Operating voltage [V DC]
5/2-way valves	<b>Solenoid valve – Micro pneumatic</b>				
		MZH-5/2...	80	M3	24
				1.5 mm	
	<b>Solenoid valve – Mini pneumatic</b>				
		MYH-5/2...	190	M5	24
				180	
	<b>Double solenoid valve – Micro pneumatic</b>				
		JMZH-5/2...	80	M3	24
				1.5 mm	
	<b>Double solenoid valve – Mini pneumatic</b>				
	JMYH-5/2...	190	M5	24	
			180		2.3 mm

Function	Version	Type	Nominal flow rate [l/min]	Pneumatic connection	Operating voltage [V DC]
5/3-way valves	<b>Solenoid valve – Micro pneumatic</b>				
		MZH-5/3G...	40	M3	24
				1.5 mm	
		MZH-5/E...	40	M3	
				1.5 mm	
	<b>Solenoid valve – Mini pneumatic</b>				
		MYH-5/3G...	130	M5	24
			125	2.3 mm	
MYH-5/E...		130	M5		
		125	2.3 mm		

# Solenoid valves MZH, Micro pneumatic; MYH, Mini pneumatic

Product range overview

Type	Semi in-line valve	Sub-base valve	Normal position		Type of pilot control		→ Page/Internet
			Closed	Open	Direct	Piloted	
<b>Solenoid valve – Micro pneumatic</b>							
MZH-3-0,4...	-	■	-	-	■	-	4
MZH-3-...	■	-	■	-	-	■	4
	-	■	-	-	-	-	
MOZH-3-...	■	-	-	■	-	■	4
	-	■	-	-	-	-	
<b>Solenoid valve – Mini pneumatic</b>							
MZH-3-0,4...	-	■	-	-	■	-	5
MZH-3-...	■	-	■	-	-	■	5
	-	■	-	-	-	-	
MOZH-3-...	■	-	-	■	-	■	5
	-	■	-	-	-	-	

Type	Semi in-line valve	Sub-base valve	Type of pilot control		→ Page/Internet
			Direct	Piloted	
<b>Solenoid valve – Micro pneumatic</b>					
MZH-5/2...	■	-	-	■	4
	-	■	-	-	
<b>Solenoid valve – Mini pneumatic</b>					
MYH-5/2...	■	-	-	■	5
	-	■	-	-	
<b>Double solenoid valve – Micro pneumatic</b>					
JMZH-5/2...	■	-	-	■	4
	-	■	-	-	
<b>Double solenoid valve – Mini pneumatic</b>					
JMYH-5/2...	■	-	-	■	5
	-	■	-	-	

Type	Semi in-line valve	Sub-base valve	Type of pilot control		→ Page/Internet
			Direct	Piloted	
<b>Solenoid valve – Micro pneumatic</b>					
MZH-5/3G...	■	-	-	■	4
	-	■	-	-	
MZH-5/E...	■	-	-	■	4
	-	■	-	-	
<b>Solenoid valve – Mini pneumatic</b>					
MYH-5/3G...	■	-	-	■	5
	-	■	-	-	
MYH-5/E...	■	-	-	■	5
	-	■	-	-	

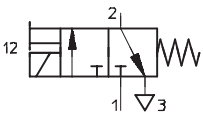
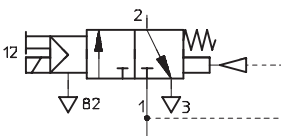
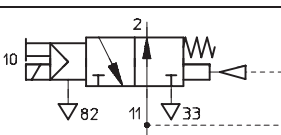
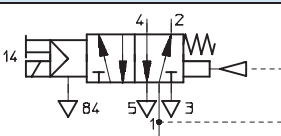
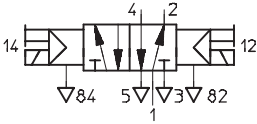
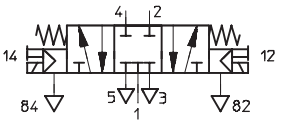
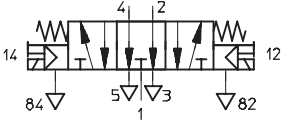
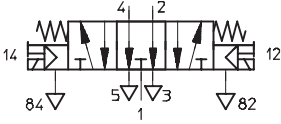
# Solenoid valves MZH, Micro pneumatic

Ordering data

Micro pneumatic					
Circuit symbol	Description	Semi in-line valve	Sub-base valve	Part No.	Type
<b>3/2-way valves</b>					
	Type of pilot control: direct Moulded-in cable, 0.3 m	-	■	30 210	MZH-3-04-K
	Type of pilot control: direct Switching status display with LED	-	■	30 217	MZH-3-0,4-LED
	Normally closed Type of pilot control: piloted Switching status display with LED	■	-	30 192	MZH-M3-L-LED
		-	■	30 218	MZH-3-1,5-L-LED
	Normally open Type of pilot control: piloted Switching status display with LED	■	-	30 193	MOZH-3-M3-LED
		-	■	30 219	MOZH-3-1,5-L-LED
<b>5/2-way valves</b>					
	Type of pilot control: piloted Switching status display with LED	■	-	30 194	MZH-5/2-M3-L-LED
		-	■	30 195	MZH-5/2-1,5-L-LED
<b>5/2-way valves – Double solenoid valves</b>					
	Type of pilot control: piloted Switching status display with LED	■	-	30 195	JMZH-5/2-M3-L-LED
		-	■	30 221	JMZH-5/2-1,5-L-LED
<b>5/3-way valves</b>					
	Normally closed Type of pilot control: piloted Switching status display with LED	■	-	30 196	MZH-5/2G-M3-L-LED
		-	■	30 222	MZH-5/2G-1,5-L-LED
	Normally exhausted Type of pilot control: piloted Switching status display with LED	■	-	30 197	MZH-5/2E-M3-L-LED
		-	■	30 223	MZH-5/2E-1,5-L-LED

# Solenoid valves MYH, Mini pneumatic


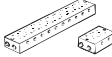

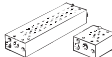
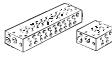




Ordering data

Mini pneumatic					
Circuit symbol	Description	Semi in-line valve	Sub-base valve	Part No.	Type
<b>3/2-way valves</b>					
	Type of pilot control: direct	-	■	34 300	MYH-3-0,9-LED
	Switching status display with LED				
	Normally closed	■	-	34 307	MYH-3-M5-L-LED
	Type of pilot control: piloted	-	■	34 301	MYH-3-2,3-L-LED
	Normally open	■	-	34 308	MOYH-3-M5-L-LED
	Type of pilot control: piloted	-	■	34 302	MOYH-3-2,3-L-LED
<b>5/2-way valves</b>					
	Type of pilot control: piloted	■	-	34 309	MYH-5/2-M5-L-LED
	Switching status display with LED	-	■	34 303	MYH-5/2-2,3-L-LED
<b>5/2-way valves – Double solenoid valves</b>					
	Type of pilot control: piloted	■	-	34 310	JMYH-5/2-M5-L-LED
	Switching status display with LED	-	■	34 304	JMYH-5/2-2,3-L-LED
<b>5/3-way valves</b>					
	Normally closed	■	-	34 311	MYH-5/3G-M5-L-LED
	Type of pilot control: piloted	-	■	34 305	MYH-5/3G-2,3-L-LED
	Normally exhausted	■	-	34 312	MYH-5/3E-M5-L-LED
	Type of pilot control: piloted	-	■	34 306	MYH-5/3E-2,3-L-LED
	Switching status display with LED				

# Solenoid valves MZH, Micro pneumatic

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


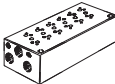
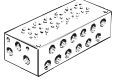




Accessories

Ordering data			
Designation	Brief description	Part No.	Type
<b>Sub-base, ports on side</b>			
	for 3/2-way valves	Type of pilot control: direct	34 350 AS-MZ-3-M3
		Type of pilot control: piloted	34 351 AS-MZ-3-M5
	for 5/2- and 5/3-way valves		34 352 AS-MZ-5-M5
<b>Manifold for 3/2-way sub-base valves; type of pilot control: direct</b>			
	for 2 valves		30 224 PRMZ-3-M3-2
	for 4 valves		30 226 PRMZ-3-M3-4
	for 6 valves		30 228 PRMZ-3-M3-6
	for 8 valves		30 230 PRMZ-3-M3-8
	for 10 valves		30 232 PRMZ-3-M3-10
<b>Blanking plate for unused positions, 3/2-way</b>			
		32 607	PRMZB-3
<b>Manifold for 3/2-, 5/2- and 5/3-way semi in-line valves; type of pilot control: piloted</b>			
	for 2 valves		30 233 PRMZ-5-M3-2
	for 4 valves		30 235 PRMZ-5-M3-4
	for 6 valves		30 237 PRMZ-5-M3-6
	for 8 valves		30 239 PRMZ-5-M3-8
	for 10 valves		30 241 PRMZ-5-M3-10
<b>Manifold for 3/2-, 5/2- and 5/3-way sub-base valves; type of pilot control: piloted</b>			
	for 2 valves		30 242 PRMZ-5-M5-2
	for 4 valves		30 244 PRMZ-5-M5-4
	for 6 valves		30 246 PRMZ-5-M5-6
	for 8 valves		30 248 PRMZ-5-M5-8
	for 10 valves		30 250 PRMZ-5-M5-10
<b>Blanking plate for unused positions, 5/2- and 5/3-way</b>			
		33 008	PRMZB-5
<b>Plug socket with cable</b>			
	24 V DC, cable length 0.5 m		34 347 KMY-1-24-0,5
	24 V DC, cable length 2.5 m		30 446 KMYZ-1-24-2,5
	24 V DC, cable length 5 m		30 447 KMYZ-1-24-5
	24 V DC, cable length 15 m		193 454 KMYZ-1-24-15
<b>Plug socket</b>			
 	for MY and MZ valves		34 345 MSSD-MY
	Crimp connectors (10 pcs.)		34 346 MSSD-MY-C

# Solenoid valves MYH, Mini pneumatic

Accessories

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Ordering data			
Designation	Brief description	Part No.	Type
<b>Sub-base, ports on side</b>			
	for 3/2-way valves	Type of pilot control: direct	34 313 AS-MY-3-M3
		Type of pilot control: piloted	34 314 AS-MY-3-1/8
	for 5/2- and 5/3-way valves		34 315 AS-MZ-5-1/8
<b>Manifold for 3/2-way sub-base valves; type of pilot control: direct</b>			
	for 2 valves		30 316 PRMY-3-M5-2
	for 4 valves		30 318 PRMY-3-M5-4
	for 6 valves		30 320 PRMY-3-M5-6
	for 8 valves		30 322 PRMY-3-M5-8
	for 10 valves		30 324 PRMY-3-M5-10
<b>Blanking plate for unused positions, 3/2-way</b>			
		34 343	PRMYB-3
<b>Manifold for 3/2-, 5/2- and 5/3-way semi in-line valves; type of pilot control: piloted</b>			
	for 2 valves		34 325 PRS-M5-2
	for 4 valves		34 327 PRS-M5-4
	for 6 valves		34 329 PRS-M5-6
	for 8 valves		34 331 PRS-M5-8
	for 10 valves		34 333 PRS-M5-10
<b>Manifold for 3/2-, 5/2- and 5/3-way sub-base valves; type of pilot control: piloted</b>			
	for 2 valves		34 334 PRMY-5-1/8-2
	for 4 valves		34 336 PRMY-5-1/8-4
	for 6 valves		34 338 PRMY-5-1/8-6
	for 8 valves		34 340 PRMY-5-1/8-8
	for 10 valves		34 342 PRMY-5-1/8-10
<b>Blanking plate for unused positions, 5/2- and 5/3-way</b>			
		34 344	PRMYB-5
<b>Plug socket with cable</b>			
	24 V DC, cable length 0.5 m		34 347 KMY-1-24-0,5
	24 V DC, cable length 2.5 m		30 446 KMYZ-1-24-2,5
	24 V DC, cable length 5 m		30 447 KMYZ-1-24-5
	24 V DC, cable length 15 m		193 454 KMYZ-1-24-15
<b>Plug socket</b>			
 	for MY and MZ valves		34 345 MSSD-MY
	Crimp connectors (10 pcs.)		34 346 MSSD-MY-C