

- 1 - Type discontinued  
Available up until 2005


Solenoid valves MZH, Micro pneumatic; MYH, Mini pneumatic

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Technical data

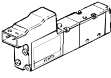
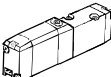
- Main catalogue  
on CD-ROM
- or
- [www.festo.com](http://www.festo.com)

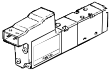
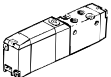
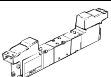
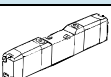
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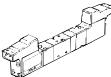
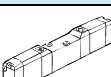
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## Solenoid valves MZH, Micro pneumatic; MYH, Mini pneumatic

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 1.5 mm	24
		<b>Solenoid valve – Mini pneumatic</b>			
		MYH-5/2...	190	M5	24
			180	2.3 mm	
	<b>Double solenoid valve – Micro pneumatic</b>				
		JMZH-5/2...	80	M3 1.5 mm	24
		<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 1.5 mm	24
		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
			Closed	Open	Direct	Piloted	
<b>Solenoid valve – Micro pneumatic</b>							
MZH-3-0,4...	-	■	-	-	■	-	2 / 3.5-4
MZH-3-...	■	-	■	-	-	■	2 / 3.5-4
	-	■	-	-	-	-	
MOZH-3-...	■	-	-	■	-	■	2 / 3.5-4
	-	■	-	-	-	-	
<b>Solenoid valve – Mini pneumatic</b>							
MZH-3-0,4...	-	■	-	-	■	-	2 / 3.5-5
MZH-3-...	■	-	■	-	-	■	2 / 3.5-5
	-	■	-	-	-	-	
MOZH-3-...	■	-	-	■	-	■	2 / 3.5-5
	-	■	-	-	-	-	

Type	Semi in-line valve	Sub-base valve	Type of pilot control		→ Page
			Direct	Piloted	
<b>Solenoid valve – Micro pneumatic</b>					
MZH-5/2...	■	-	-	■	2 / 3.5-4
	-	■	-	-	
<b>Solenoid valve – Mini pneumatic</b>					
MYH-5/2...	■	-	-	■	2 / 3.5-5
	-	■	-	-	
<b>Double solenoid valve – Micro pneumatic</b>					
JMZH-5/2...	■	-	-	■	2 / 3.5-4
	-	■	-	-	
<b>Double solenoid valve – Mini pneumatic</b>					
JMYH-5/2...	■	-	-	■	2 / 3.5-5
	-	■	-	-	

Type	Semi in-line valve	Sub-base valve	Type of pilot control		→ Page
			Direct	Piloted	
<b>Solenoid valve – Micro pneumatic</b>					
MZH-5/3G...	■	-	-	■	2 / 3.5-4
	-	■	-	-	
MZH-5/E...	■	-	-	■	2 / 3.5-4
	-	■	-	-	
<b>Solenoid valve – Mini pneumatic</b>					
MYH-5/3G...	■	-	-	■	2 / 3.5-5
	-	■	-	-	
MYH-5/E...	■	-	-	■	2 / 3.5-5
	-	■	-	-	

**- 1 - Type discontinued**  
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## 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	■	-	30 192	MZH-M3-L-LED
	Type of pilot control: piloted	-	■	30 218	MZH-3-1,5-L-LED
	Switching status display with LED				
	Normally open	■	-	30 193	MOZH-3-M3-LED
	Type of pilot control: piloted	-	■	30 219	MOZH-3-1,5-L-LED
	Switching status display with LED				
<b>5/2-way valves</b>					
	Type of pilot control: piloted	■	-	30 194	MZH-5/2-M3-L-LED
	Switching status display with LED	-	■	30 195	MZH-5/2-1,5-L-LED
<b>5/2-way valves – Double solenoid valves</b>					
	Type of pilot control: piloted	■	-	30 195	JMZH-5/2-M3-L-LED
	Switching status display with LED	-	■	30 221	JMZH-5/2-1,5-L-LED
<b>5/3-way valves</b>					
	Normally closed	■	-	30 196	MZH-5/2G-M3-L-LED
	Type of pilot control: piloted	-	■	30 222	MZH-5/2G-1,5-L-LED
	Switching status display with LED				
	Normally exhausted	■	-	30 197	MZH-5/2E-M3-L-LED
	Type of pilot control: piloted	-	■	30 223	MZH-5/2E-1,5-L-LED
	Switching status display with LED				

## Solenoid valves MYH, Mini pneumatic

Ordering data


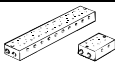

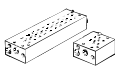
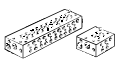




Mini pneumatic					
Circuit symbol	Description	Semi in-line valve	Sub-base valve	Part No.	Type
<b>3/2-way valves</b>					
	Type of pilot control: direct	-	■	34 300	MYH-3-0,9-LED
	Switching status display with LED				
	Normally closed	■	-	34 307	MYH-3-M5-L-LED
	Type of pilot control: piloted	-	■	34 301	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
	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

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## Solenoid valves MZH, Micro pneumatic

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
				

Application-optimised directional control valves  
Micro/Mini Pneumatics


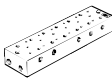

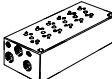
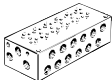



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**- I - Type discontinued**  
**Available up until 2005**

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## Solenoid valves MYH, Mini pneumatic

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	34 313 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

Application-optimised directional control valves  
Micro/Mini Pneumatics

**3.5**