

Solenoid valve

without socket, with manual override

with thread G 1/8:

Type MEH-5/2-1/8

nominal size 4 mm:

Type MEH-5/2-4.0

for manifold rail, type PRS-ME-...:

Type MEH-5/2-1/8-P

without socket, with manual override
and pneumatic spring return

with thread G 1/8:

Type MEH-5/2-1/8-L

nominal size 4 mm:

Type MEH-5/2-4.0-L

for manifold rail, type PRS-ME-...:

Type MEH-5/2-1/8-L

Valves with auxiliary pilot air connection

with thread G 1/8:

Type MEH-5/2-1/8-S

nominal size 4 mm:

Type MEH-5/2-4.0-S

for manifold rail, type PRS-ME-...:

Type MEH-5/2-1/8-P-S

Valves with auxiliary pilot air connection
and pneumatic spring return

with thread G 1/8:

Type MEH-5/2-1/8-L-S

nominal size 4 mm:

Type MEH-5/2-4.0-L-S

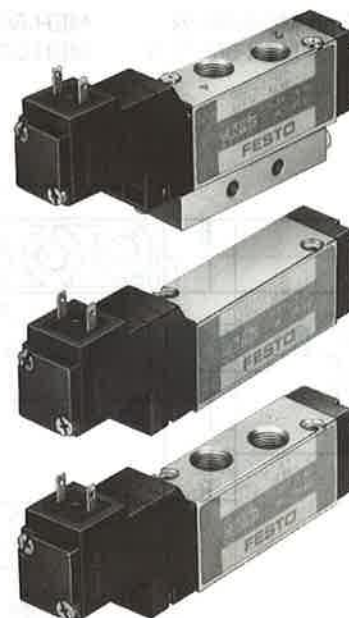
for manifold rail, type PRS-ME-...:

Type MEH-5/2-1/8-P-L-S

with thread G 1/8

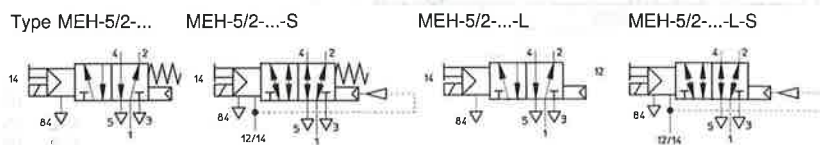
nominal size 4 mm

for manifold rail, type PRS-ME-...

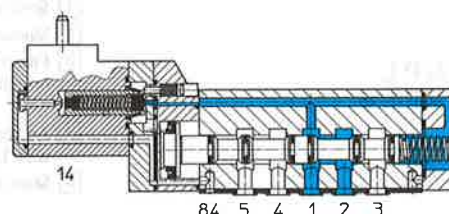


After the voltage is applied, the solenoid is energised and the valve switched. The valve has a low power consumption and is suitable for direct electronic actuation.

The pilot exhaust air is ducted (82), after removal of a seal from under the cover, the valve exhausts directly into atmosphere.



Example: Type MEH-5/2-4.0

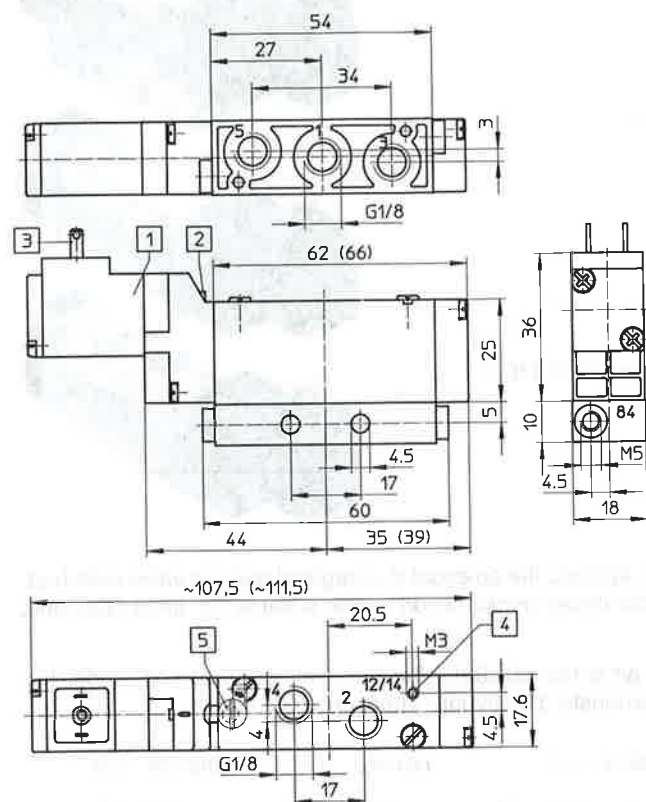


- 1 (P) = Supply port
- 4, 2 (A, B) = Working or outlet lines
- 5, 3 (R, S) = Exhausts
- 84 = Pilot exhaust
- 12, 14 = Auxiliary pilot air

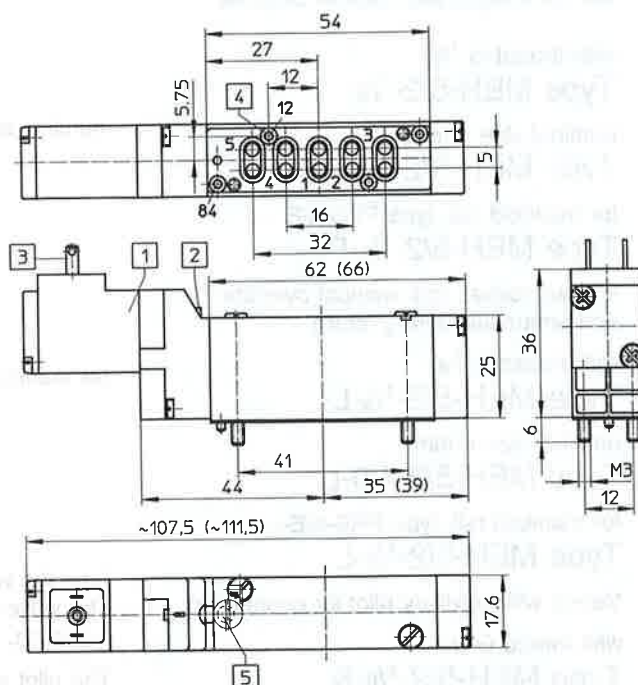
Order code	34 757 MEH-5/2-1/8	30 619 MEH-5/2-4.0	30 614 MEH-5/2-1/8-P
Part N./Type	with auxiliary pilot air	152 515 MEH-5/2-1/8-S	150 881 MEH-5/2-4.0-S
		157 646 MEH-5/2-1/8-L	157 649 MEH-5/2-4.0-L
	with auxiliary pilot air	157 648 MEH-5/2-1/8-L-S	157 650 MEH-5/2-1/8-P-S
		157 649 MEH-5/2-4.0-L	157 645 MEH-5/2-1/8-P-L
		157 650 MEH-5/2-4.0-L-S	157 647 MEH-5/2-1/8-P-L-S
Medium	Compressed air, filtered (lubricated or unlubricated)*		
Design	Spool valve		
Mounting	2 screws, M4		
Connection	G 1/8		
Nominal size	4 mm		
Standard nominal flow rate (1 → 2, 1 → 4)	500 l/min		
Pressure range	2.5 to 8 bar; with auxiliary pilot air: -0.9 to +8 bar		
Operating pressure range	only S-types		
Response time at 6 bar	On: 20 ms; Off: 30 ms; Valves with pneumatic spring returns		
Ambient temperature	-5 to 50 °C		
Medium temperature	-5 to 50 °C		
Materials	Housing: Aluminium; seals: Perbunan		
Weight	0.190 kg		
Operating voltage	24 V DC		
Power consumption	1.5 W		
Duty cycle	100%		
Degree of protection	IP 65 (DIN 40050)		

* For operation with lubricated compressed air, use only oils of viscosity class 32; Type MEH-...-S is suitable for vacuum operation.

Type MEH-5/2- $\frac{1}{8}$ MEH-5/2- $\frac{1}{8}$ -L
 MEH-5/2- $\frac{1}{8}$ -S MEH-5/2- $\frac{1}{8}$ -L-S



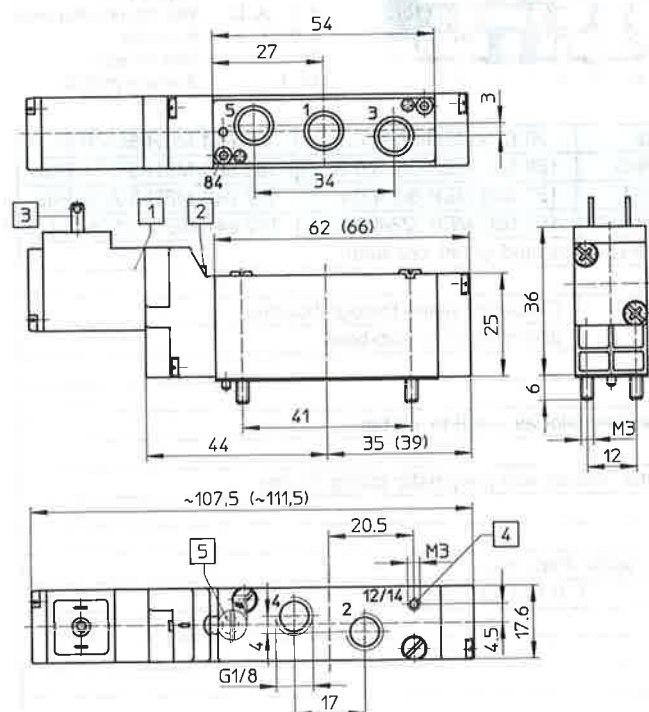
Type MEH-5/2-4.0 MEH-5/2-4.0-L
 MEH-5/2-4.0-S MEH-5/2-4.0-L-S



- 1 (P) = Supply port
- 4, 2 (A, B) = Working or outlet lines
- 5, 3 (R, S) = Exhausts
- 84 = Pilot exhaust
- 12, 14 = Auxiliary pilot air

- 1 Solenoid can be turned by 180°
- 2 Manual override
- 3 Fits connector socket DIN 46247 or socket, type MSSD-E, type KME...
- 4 Additional auxiliary pilot air connection with Typ MEH-...-S
- 5 Manual override actuator

Type MEH-5/2- $\frac{1}{8}$ -P MEH-5/2- $\frac{1}{8}$ -P-L
 MEH-5/2- $\frac{1}{8}$ -P-S MEH-5/2- $\frac{1}{8}$ -P-L-S



Accessories:

Plug sockets and accessories,
 see sheets 2.594 to 2.598.

For valve with 4 mm nominal bore:

Sub-base

Order code 33 405 AS-ME- $\frac{1}{8}$ (see sheet 2.906)

Manifold sub-base

Type AW-ME- $\frac{1}{8}$ (see sheet 2.906)

for valves, type ...- $\frac{1}{8}$ -P:

In-line sub-base

Order code 32 797 AU-ME- $\frac{1}{8}$ (see sheet 2.906)

In-line valve manifold

Type PRS-ME- $\frac{1}{8}$ -... (see sheet 2.906.1)

Manual override actuator

Order code 152 805 AHB-ME- $\frac{1}{8}$

The push and turn mode of manual override
 actuation can be replaced with a push-in
 rotary action automatic locking device.