

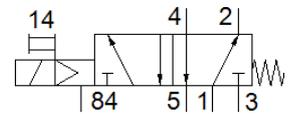
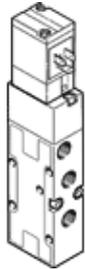
solenoid valve

MVH-5-1/8-B-VI-X

Part number: 164564

FESTO

With solenoid coil and manual override, without plug socket.



Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	electrical
Width	26 mm
Standard nominal flow rate	750 l/min
Operating pressure	2 ... 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Nominal size	5 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	Pushing
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Overlap	Underlap
b value	0.34
C value	3 l/sbar
Max. switching frequency	3 Hz
Switching time off	36 ms
Switching time on	20 ms
Max. positive test pulse with logic 0	2,200 µs
Max. negative test pulse with logic 1	3,700 µs
Characteristic coil data	24 V DC: 2.5 W
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
Storage temperature	-40 ... 60 °C
Medium temperature	-5 ... 50 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Product weight	230 g
Mounting type	with through hole
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	Sub-base G1/8
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Material seals	NBR TPE-U(PU)
Material housing	Aluminium die cast