

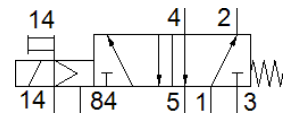
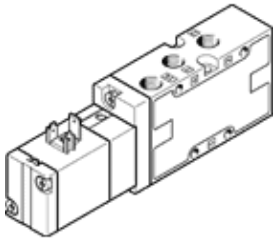
solenoid valve

MVH-5-1/8-S-B

Part number: 30996

FESTO

With solenoid coil and manual override, without plug socket.



Data sheet

Feature	values
Valve function	5/2 monostable
Type of actuation	electrical
Width	26 mm
Standard nominal flow rate	750 l/min
Operating pressure	0 ... 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Nominal size	5 mm
Sealing principle	soft
Assembly position	Any
Manual override	Pushing
Type of piloting	Piloted
Pilot air supply	external
Flow direction	non reversible
Freedom from overlap	No
Note on forced dynamisation	Switching frequency at least once a week
Pilot pressure	2 ... 10 bar
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	Optional On PR manifold with through hole
Auxiliary pilot air port 14	G1/8
Pilot exhaust port 84	M5
Pilot air port 14	G1/8
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8

Feature	values
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminium die cast