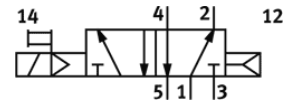
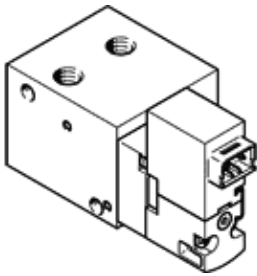


solenoid valve

VOVG-S12-M52Q-AH-M5-1H2

Part number: 560707

FESTO



Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	electrical
Width	25 mm
Standard nominal flow rate	180 l/min
Operating pressure MPa	0.2 ... 0.8 MPa
Operating pressure	2 ... 8 bar 29 ... 116 psi
Design structure	Piston slide
Type of reset	Air spring
Protection class	IP40
Nominal size	2.1 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	Pushing
Type of piloting	Piloted
Flow direction	non reversible
Overlap	Positive overlap
Switching time off	18 ms
Switching time on	15 ms
Characteristic coil data	24 V DC: 1 W
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	0 - No corrosion stress
PWIS conformity	VDMA24364-B2-L
Medium temperature	-5 ... 50 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Electrical connection	2-pin Plug
Pneumatic connection, port 1	Sub-base
Pneumatic connection, port 2	M5
Pneumatic connection, port 3	Sub-base
Materials note	Conforms to RoHS
Material seals	FPM HNBR NBR
Material housing	Wrought Aluminium alloy