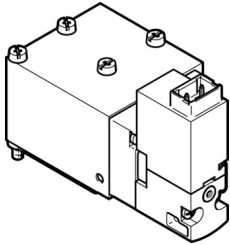


Air solenoid valve VOVG-B12-M52Q-AH-F-1H3

Part number: 560714

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Valve function	5/2, monostable
Actuation type	Electrical
Width	25 mm
Standard nominal flow rate	180 l/min
Pneumatic working port	Sub-base
Operating voltage	24V DC
Operating pressure	0.2 MPa ... 0.8 MPa
Operating pressure	2 bar ... 8 bar
Operating pressure	29 psi ... 116 psi
Structural design	Piston gate valve
Reset method	Pneumatic spring
Degree of protection	IP40
Nominal width	2.1 mm
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Non-detenting
Type of control	Pilot-controlled
Flow direction	Non-reversible
Symbol	00991049
Lap	Overlap
Switching time off	18 ms
On switching time	15 ms
Coil characteristics	24 V DC: 1.0 W
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Temperature of medium	-5 °C ... 50 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 50 °C
Electrical connection	2-pin Plug
Pneumatic connection 1	Sub-base
Pneumatic connection 2	Sub-base
Pneumatic connection 3	Sub-base

Feature	Value
Note on materials	RoHS-compliant
Seals material	FPM HNBR NBR
Housing material	Wrought aluminum alloy