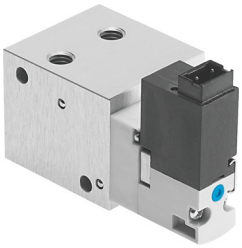
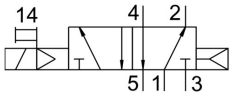
Air solenoid valve
VOVG-S12-M52Q-AH-M5-1H3

Part number: 560708





Data sheet

Feature	Value
Valve function	5/2, monostable
Lap	Overlap
Operating pressure	29 psi ... 116 psi
Operating pressure	0.2 MPa ... 0.8 MPa
Actuation type	Electrical
Width	25 mm
Standard nominal flow rate	180 l/min
Pneumatic working port	Sub-base
Operating voltage	24V DC
Operating pressure	2 bar ... 8 bar
Design	Piston gate valve
Reset method	Pneumatic spring
Degree of protection	IP40
Nominal width	2.1 mm
Type code	VOVG
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
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
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	M5
Pneumatic connection 3	Sub-base

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