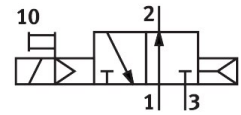


# Air solenoid valve

## VOVG-S12-M32U-AH-M5-1H2

FESTO

Part number: 560705



[PDF General operating condition](#)

## Data sheet

Feature	Value
Valve function	3/2, open, monostable
Actuation type	Electrical
Width	12 mm
Normal nominal flow rate (normalized to DIN 1343)	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	00991187
Lap	Overlap
Switching time off	10 ms
On switching time	12 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	Plug
Pneumatic connection 1	Sub-base
Pneumatic connection 2	M5
Pneumatic connection 3	Sub-base
Note on materials	RoHS-compliant

Feature	Value
Seals material	FPM HNBR NBR
Housing material	Wrought aluminum alloy