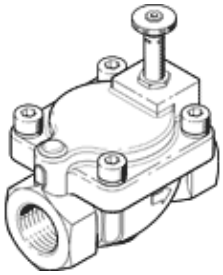
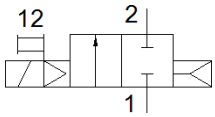
solenoid valve
VZWM-L-M22C-G38-F4

Part number: 546147
★ Core product range

FESTO





Data sheet

Feature	Value
Design structure	Poppet valve with diaphragm seal
Type of actuation	electrical
Sealing principle	soft
Assembly position	Preferably upright
Mounting type	Line installation
Process valve connection	G3/8
Electrical connection	Solenoid coil type MD-... , coil can be ordered as an accessory
Nominal size	13.5 mm
Valve function	2/2 closed, monostable
Flow direction	non reversible
Medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Water Neutral fluids
Operating pressure of process valve for liquid media	0.5 ... 6 bar
Operating pressure of process valve for gaseous media	0.5 ... 10 bar
Differential pressure	0.5 bar
Type of piloting	Piloted
Max. viscosity	22 mm2/s
Medium temperature	-10 ... 60 °C
Temperature of liquid media	5 ... 50 °C
Ambient temperature	-10 ... 60 °C
Flow rate Kv	2 m3/h
Standard nominal flow rate	2,100 l/min
Switching time on	8 ms
Response time "on" for liquid media	110 ms
Switching time off	10 ms
Response time "off" for liquid media	210 ms
b value	0.35
C value	8.8 l/sbar
Materials note	Contains PWIS substances Conforms to RoHS
Material housing	Brass
Material number for housing	2.0402
Material seals	NBR
Material plunger tube	High alloy steel
Product weight	480 g
Corrosion resistance classification CRC	1 - Low corrosion stress
Max. torque for cover screw	20 Nm
Max. tightening torque, connecting thread	60 Nm
Max. torque for coil fastening	0.5 Nm