

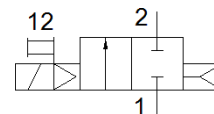
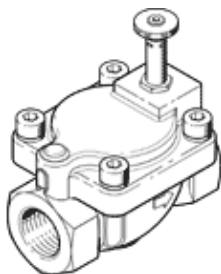
# Solenoid valve

## VZWM-L-M22C-G14-F4

Part number: 546146

★ 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	G1/4
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
Working pressure of process valve for liquid media	0.5 ... 6 bar
Working pressure of process valve for gaseous media	0.5 ... 10 bar
Differential pressure	0.5 bar
Type of piloting	Piloted
Max. viscosity	22 mm <sup>2</sup> /s
Medium temperature	-10 ... 60 °C
Temperature of liquid media	5 ... 50 °C
Ambient temperature	-10 ... 60 °C
Flow rate Kv	1.6 m <sup>3</sup> /h
Standard nominal flow rate	1,400 l/min
Switching time on	8 ms
Response time "on" for liquid media	100 ms
Switching time off	10 ms
Response time "off" for liquid media	200 ms
b value	0.3
C value	6 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	500 g
Corrosion resistance classification CRC	1 - Low corrosion stress
Max. torque for cover screw	20 Nm
Max. tightening torque, connecting thread	35 Nm
Max. torque for coil fastening	0.5 Nm