

# solenoid valve

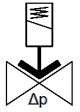
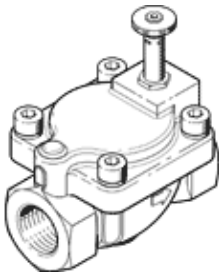
## VZWM-L-M22C-G34-F4

Part number: 546149

★ Core product range

Servo-controlled, with diaphragm, G3/4" connection.

FESTO



### Data sheet

Feature	Value
Design structure	Diaphragm valve Servo controlled
Type of actuation	electrical
Sealing principle	soft
Assembly position	Preferably upright
Mounting type	Line installation
Process valve connection	G3/4
Electrical connection	Solenoid coil type MD-... , coil can be ordered as an accessory
Nominal size	27.5 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 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	8.5 m <sup>3</sup> /h
Standard nominal flow rate	10,000 l/min
Switching time on	15 ms
Response time "on" for liquid media	400 ms
Switching time off	12 ms
Response time "off" for liquid media	930 ms
b value	0.5
C value	39 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	1,270 g
CE mark (see declaration of conformity)	to EU directive pressure devices
Corrosion resistance classification CRC	1 - Low corrosion stress
Max. torque for cover screw	30 Nm
Max. tightening torque, connecting thread	200 Nm
Max. torque for coil fastening	0.5 Nm