

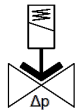
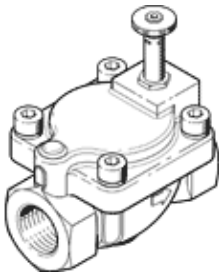
# solenoid valve

## VZWM-L-M22C-G114-F5

Part number: 546151

FESTO

Servo-controlled, with diaphragm, G11/4" connection.



## 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 1/4
Electrical connection	Solenoid coil type MH-... , coil can be ordered as an accessory
Nominal size	40 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	0.7 ... 6 bar
Operating pressure of process valve for gaseous media	0.7 ... 10 bar
Differential pressure	0.7 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	21.3 m <sup>3</sup> /h
Standard nominal flow rate	24,000 l/min
Switching time on	26 ms
Response time "on" for liquid media	1,400 ms
Switching time off	20 ms
Response time "off" for liquid media	1,900 ms
b value	0.6
C value	75 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	2,850 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	450 Nm
Max. torque for coil fastening	2 Nm