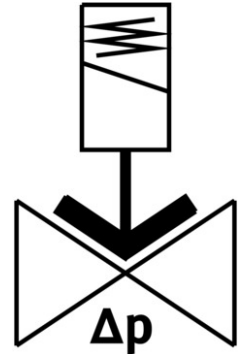


Solenoid valve VZWM-L-M22C-G34-F5-R1

Part number: 546165

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Design	Diaphragm valve servo-controlled
Type of actuation	Electric
Sealing principle	Soft
Mounting position	Preferably vertical
Type of mounting	In-line installation
Connection Process valve	G3/4
Electrical connection	Solenoid coil type MH-..., coil can be ordered as an accessory
Nominal size	25 mm
Valve function	2/2-way, closed, monostable
Flow direction	Non-reversible
Medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Water Neutral fluids
Medium pressure, valve for liquid media	0.5 bar ... 6 bar
Medium pressure, valve for gaseous media	0.5 bar ... 10 bar
Pressure difference	0.5 bar
Type of piloting	Pilot actuated
Symbol	00995681
Max. viscosity	22 mm ² /s
Media temperature	-10 °C ... 60 °C
Media temperature for fluids	5 °C ... 50 °C
Ambient temperature	-10 °C ... 60 °C
Flow rate Kv	8.5 m ³ /h
Standard nominal flow rate	10000 l/min
Switching time on	15 ms
Switch-on time for fluids	420 ms
Switching time off	12 ms
Switch-off time for fluids	950 ms

Feature	Value
b value	0.5
C value	39 l/sbar
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	Stainless steel casting
Material number housing	1.4581
Material seals	NBR
Material plunger tube	High-alloy steel
Product weight	1200 g
CE mark (see declaration of conformity)	In accordance with EU Pressure Equipment Directive
CE marking (see declaration of conformity)	to UK Pressure Equipment Regulations
Corrosion resistance class CRC	3 - high corrosion stress
Max. tightening torque for cover screw	30 Nm
Max. tightening torque for connecting thread	200 Nm
Max. tightening torque for coil fastening	2 Nm