

# solenoid valve

## VZWF-B-L-M22C-G1-275-V-1P4-6

Part number: 1492146

FESTO

force pilot operated, G1" connection.



## Data sheet

Feature	Value
Design structure	Diaphragm valve forced
Type of actuation	electrical
Sealing principle	soft
Assembly position	Magnet standing
Mounting type	Line installation
Process valve connection	G1
Electrical connection	Plug pattern type A to EN 175301-803 Plug to EN 175301-803 Cubic design
Nominal size	27.5 mm
Valve function	2/2 closed, monostable
Manual override	None
Flow direction	non reversible
Medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-] Inert gases Mineral oil Water Neutral fluids Other media on request
Nominal pressure of process valve	40
Differential pressure (MPa)	0 MPa
Differential pressure	0 bar
Differential pressure (psi)	0 psi
Characteristic coil data	24 V DC: 11 W
Permissible voltage fluctuation	+/- 10 %
Pressure of medium	0 ... 0.6 MPa
Medium pressure	0 ... 6 bar
Pressure of medium psi	0 ... 87 psi
Max. viscosity	22 mm <sup>2</sup> /s
Medium temperature	-10 ... 80 °C
Ambient temperature	-10 ... 35 °C
Leak rate in accordance with EN 12266-1	A
Flow rate Kv	11 m <sup>3</sup> /h
Standard nominal flow rate	11,750 l/min
Switching time on	275 ms
Switching time off	290 ms
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III
Material housing	Cast brass
Material number for housing	CW617N
Material seals	FPM
Material screws	High alloy steel, non-corrosive
Material number, screw	1.4301
Product weight	1,500 g
Protection class	IP65
Corrosion resistance classification CRC	1 - Low corrosion stress