

# solenoid valve

## VZWF-L-M22C-N114-400-1P4-10-R1

Part number: 1492171

FESTO

force pilot operated, NPT1 1/4" 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	1 1/4 NPT
Electrical connection	Plug pattern type A to EN 175301-803 Plug to EN 175301-803 Cubic design
Nominal size	40 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: 30 W
Permissible voltage fluctuation	+/- 10 %
Pressure of medium	0 ... 1 MPa
Medium pressure	0 ... 10 bar
Pressure of medium psi	0 ... 145 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	20 m <sup>3</sup> /h
Standard nominal flow rate	21,370 l/min
Switching time on	620 ms
Switching time off	1,140 ms
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III
Material housing	Stainless steel casting
Material number for housing	1.4581
Material seals	NBR
Material screws	High alloy steel, non-corrosive

Feature	Value
Material number, screw	1.4301
Product weight	4,500 g
CE mark (see declaration of conformity)	to EU directive pressure devices
Protection class	IP65
Corrosion resistance classification CRC	3 - High corrosion stress