

Solenoid valve

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

Part number: 1492171

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Design	Diaphragm valve Force pilot operated
Type of actuation	Electric
Sealing principle	Soft
Mounting position	Solenoid vertical
Type of mounting	In-line installation
Connection Process valve	1 1/4 NPT
Electrical connection	Plugs To EN 175301-803 Square design
Nominal size	40 mm
Valve function	2/2-way, closed, monostable
Manual override	None
Flow direction	Non-reversible
Medium	Compressed air to ISO 8573-1:2010 [7:-:-] Inert gases Mineral oil Water Neutral fluids Other media on request
Nominal pressure PN	40
Pressure difference	0 MPa
Pressure difference	0 bar
Pressure difference	0 psi
Characteristic coil data	24 V DC: 30.0 W
Permissible voltage fluctuations	+/- 10 %
Symbol	00992976
Medium pressure	0 MPa ... 1 MPa
Medium pressure	0 bar ... 10 bar
Medium pressure	0 psi ... 145 psi
Max. viscosity	22 mm ² /s
Media temperature	-10 °C ... 80 °C

Feature	Value
Ambient temperature	-10 °C ... 35 °C
Leakage rate to EN 12266-1	A
Flow rate Kv	20 m ³ /h
Standard nominal flow rate (standardised to DIN 1343)	21370 l/min
Switching time on	620 ms
Switching time off	1140 ms
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 screws	High-alloy stainless steel
Material number screw	1.4301
Product weight	4500 g
CE mark (see declaration of conformity)	In accordance with EU Pressure Equipment Directive
Degree of protection	IP65
Corrosion resistance class CRC	3 - high corrosion stress