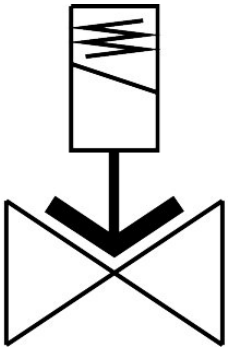
Air solenoid valve
VZWF-L-M22C-N114-400-E-1P4-10

Part number: 1492179



Data sheet

Feature	Value
Structural design	Diaphragm valve Force pilot operated
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Magnet, upright
Type of mounting	In-line installation
Fitting connection	1 1/4 NPT
Electrical connection	Type A Plug As per EN 175301-803 Rectangular design
Nominal width	40 mm
Valve function	2/2-way, closed, monostable
Manual override	None
Flow direction	Non-reversible
Medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Inert gas Mineral oil Water Neutral liquids Other flow media on request
Nominal pressure of fitting PN	40
Pressure difference	0 MPa 0 psi
Differential pressure	0 bar
Coil characteristics	24 V DC: 30.0 W
Permissible voltage fluctuations	+/- 10%
Medium pressure	0 MPa...1 MPa 0 bar...10 bar 0 psi...145 psi

Feature	Value
Max. viscosity	22 mm²/s
Temperature of medium	-10 °C...80 °C
Ambient temperature	-10 °C...35 °C
Leak rate to EN 12266-1	A
Flow rate Kv	20 m³/h
Normal nominal flow rate (normalized to DIN 1343)	21370 l/min
On switching time	620 ms
Switching time off	1140 ms
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 Zone III
Housing material	Cast brass
Material number of housing	CW617N
Seals material	EPDM
Material of screws	high-alloy stainless steel
Material number of screw	1,4301
Product weight	4500 g
CE marking (see declaration of conformity)	as per EU pressure equipment directive
Degree of protection	IP65
Corrosion resistance class (CRC)	1 - Low corrosion stress