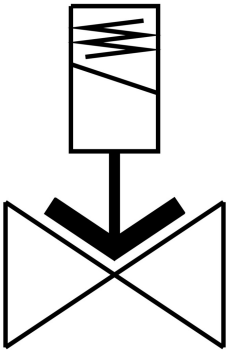
Solenoid valve VZWF-B-L-M22C-N1-275-E-2AP4-6-R1

Part number: 1492282



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 NPT
Electrical connection	Type A Plugs To EN 175301-803 Square design
Nominal size	27.5 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 0 bar 0 psi
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 19.0 VA, holding power 16.0 VA
Permissible voltage fluctuations	+/- 10 %
Medium pressure	0 MPa...0.6 MPa 0 bar...6 bar 0 psi...87 psi

Feature	Value
Max. viscosity	22 mm²/s
Media temperature	-10 °C...80 °C
Ambient temperature	-10 °C...35 °C
Leakage rate to EN 12266-1	A
Flow rate Kv	11 m³/h
Standard nominal flow rate	11750 l/min
Switching time on	275 ms
Switching time off	290 ms
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	Stainless steel casting
Material number housing	1.4581
Material seals	EPDM
Material screws	High-alloy stainless steel
Material number screw	1.4301
Product weight	1500 g
CE mark (see declaration of conformity)	To EU Low Voltage Directive
CE marking (see declaration of conformity)	To UK regulations for electrical equipment
Degree of protection	IP65
Corrosion resistance class CRC	3 - high corrosion stress