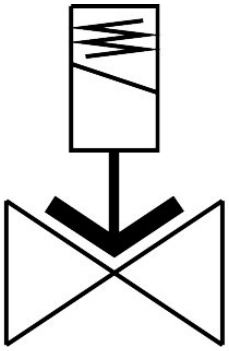
Solenoid valve
VZWF-L-M22C-G114-400-V-2AP4-10-R1

Part number: 1492251



Data sheet

Feature	Value
Design	Diaphragm valve Force pilot operated
Type of actuation	Electrical
Sealing principle	Soft
Mounting position	Magnet upright
Type of mounting	Inline installation
Connection Process valve	G1 1/4
Electrical connection	Type A Plug To EN 175301-803 Square design
Nominal size	40 mm
Valve function	2/2-way, single solenoid, closed
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 30.0 VA, holding power 30.0 VA
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
Media temperature	-10 °C...80 °C
Ambient temperature	-10 °C...35 °C
Leakage rate to EN 12266-1	A
Flow rate Kv	20 m³/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	Cast stainless steel
Material number housing	1,4581
Material seals	Fluoro rubber
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 To EU Low Voltage Directive
UKCA marking (see declaration of conformity)	To UK regulations for electrical equipment
Degree of protection	IP65
Corrosion resistance class CRC	3 - high corrosion stress