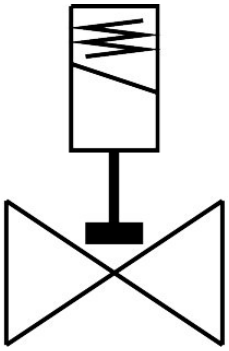
Solenoid valve
VZWD-L-M22C-M-G18-20-V-2AP4-40-R1

Part number: 1491928





- General operating condition
- Solenoid valve
- Product details
- Category page
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Data sheet

Feature	Value
Design	Directly actuated poppet valve
Type of actuation	Electrical
Sealing principle	Soft
Mounting position	Any
Type of mounting	Inline installation
Connection Process valve	G1/8
Electrical connection	Plug To EN 175301-803 Square design
Nominal size	2 mm
Valve function	2/2-way, single solenoid, closed
Manual override	None
Flow direction	Non-reversible
Medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Mineral oil Water Neutral fluids Other media on request
Nominal pressure PN	100
Pressure difference	0 MPa
Pressure difference	0 bar
Pressure difference	0 psi
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 19.0 VA, holding power 16.0 VA
Insulation material class	F
Permissible voltage fluctuations	+/-10%
Duty cycle	100%

Feature	Value
Type of reset	Mechanical spring
Type of piloting	Direct
Symbol	00992979
Medium pressure	0 MPa ... 4 MPa
Medium pressure	0 bar ... 40 bar
Medium pressure	0 psi ... 580 psi
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	0.13 m³/h
Standard nominal flow rate (standardised to DIN 1343)	140 l/min
Switching time on	20 ms
Switching time off	18 ms
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	High-alloy stainless steel
Material number housing	1,4305
Material seals	Fluoro rubber
Material plunger tube	High-alloy steel
Product weight	500 g
CE mark (see declaration of conformity)	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
Max. tightening torque for connecting thread	10 Nm
Max. tightening torque for coil fastening	2 Nm