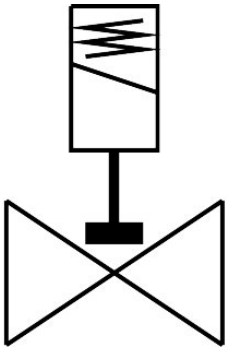
Air solenoid valve
VZWD-L-M22C-M-G14-25-V-1P4-8

Part number: 1491831





Data sheet

Feature	Value
Structural design	Directly actuated poppet valve
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Any
Type of mounting	In-line installation
Fitting connection	G1/4
Electrical connection	Type A Plug As per EN 175301-803 Rectangular design
Nominal width	2.5 mm
Valve function	2/2-way, closed, monostable
Manual override	None
Flow direction	Non-reversible
Medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Mineral oil Water Neutral liquids Other flow media on request
Nominal pressure of fitting PN	50
Pressure difference	0 MPa 0 psi
Differential pressure	0 bar
Coil characteristics	24 V DC: 6.8 W
Insulation class	H
Permissible voltage fluctuations	+/- 10%
Duty cycle	100%
Reset method	Mechanical spring

Feature	Value
Type of control	directly
Medium pressure	0 MPa...0.8 MPa 0 bar...8 bar 0 psi...116 psi
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	0.16 m³/h
Normal nominal flow rate (normalized to DIN 1343)	170 l/min
On switching time	25 ms
Switching time off	10 ms
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 Zone III
Housing material	Brass
Material number of housing	CW614N
Seals material	FPM
Armature tube material	High-alloy steel
Product weight	350 g
Degree of protection	IP65
Corrosion resistance class (CRC)	1 - Low corrosion stress
Max. tightening torque for connecting thread	35 Nm
Max. tightening torque for coil fastening	2 Nm