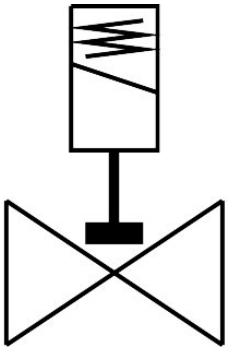
Air solenoid valve
VZWD-L-M22C-M-G18-15-V-3AP4-85-R1

Part number: 1492005



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	G1/8
Electrical connection	Type A Plug As per EN 175301-803 Rectangular design
Nominal width	1.5 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	100
Pressure difference	0 MPa 0 psi
Differential pressure	0 bar
Coil characteristics	230 V AC: 50/60 Hz, initial power 18.0 VA, holding power 15.0 VA
Insulation class	F
Permissible voltage fluctuations	+/- 10%
Duty cycle	100%
Reset method	Mechanical spring

Feature	Value
Type of control	directly
Medium pressure	0 MPa...8.5 MPa 0 bar...85 bar 0 psi...1232.5 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	0.09 m³/h
Normal nominal flow rate (normalized to DIN 1343)	95 l/min
On switching time	20 ms
Switching time off	18 ms
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 Zone III
Housing material	high-alloy stainless steel
Material number of housing	1,4305
Seals material	FPM
Armature tube material	High-alloy steel
Product weight	500 g
CE marking (see declaration of conformity)	As per EU low voltage directive
UKCA marking (see declaration of conformity)	To UK instructions 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