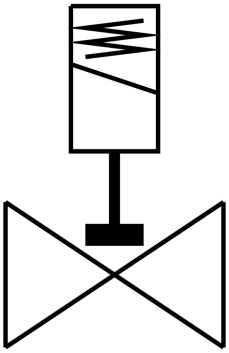
Air solenoid valve VZWD-L-M22C-M-G18-25-V-1P4-22-R1

Part number: 1491851



Data sheet

Feature	Value
Structural design	Directly controlled poppet valve
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Any
Type of mounting	Line installation
Fitting connection	G1/8
Electrical connection	Form A Plug as per EN 175301-803 Rectangular design
Nominal width	2.5 mm
Valve function	2/2, 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	24 V DC: 11.0 W
Insulation class	H
Permissible voltage fluctuations	+/- 10 %
Duty cycle	100%
Reset method	Mechanical spring

Feature	Value
Type of control	Direct
Medium pressure	0 MPa...2.2 MPa 0 bar...22 bar 0 psi...319 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
Standard nominal flow rate	170 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
Product weight	500 g
Degree of protection	IP65
Corrosion resistance class (CRC)	3 - High corrosion stress