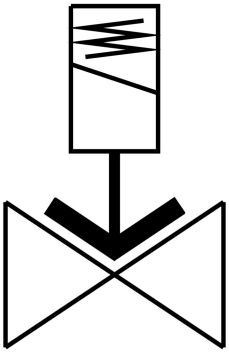
Air solenoid valve VZWF-L-M22C-N2-500-1P4-6-R1

Part number: 1492173



Data sheet

Feature	Value
Structural design	Diaphragm valve Force pilot operated
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Magnet, upright
Type of mounting	Line installation
Fitting connection	2 NPT
Electrical connection	Form A Plug as per EN 175301-803 Rectangular design
Nominal width	50 mm
Valve function	2/2, closed, monostable
Manual override	None
Flow direction	Non-reversible
Medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Inert gas Mineral oil Water Neutral liquids Other flow media on request
Nominal pressure of fitting PN	40
Pressure difference	0 MPa 0 psi
Differential pressure	0 bar
Coil characteristics	24 V DC: 30.0 W
Permissible voltage fluctuations	+/- 10 %
Medium pressure	0 MPa...0.6 MPa 0 bar...6 bar 0 psi...87 psi

Feature	Value
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	28 m³/h
Standard nominal flow rate	29900 l/min
On switching time	1220 ms
Switching time off	2140 ms
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Housing material	Cast stainless steel
Material number of housing	1.4581
Seals material	NBR
Material of screws	High-alloy stainless steel
Material number of screw	1.4301
Product weight	6500 g
CE marking (see declaration of conformity)	as per EU pressure equipment directive
Degree of protection	IP65
Corrosion resistance class (CRC)	3 - High corrosion stress