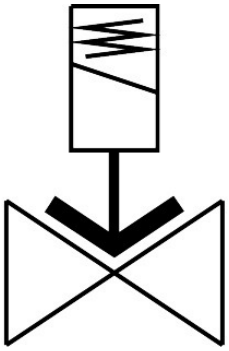
Air solenoid valve
VZWF-B-L-M22C-N14-135-1P4-10-R1

Part number: 1492166





General operating condition

Data sheet

Feature	Value
Structural design	Force pilot operated
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Magnet, upright
Type of mounting	Line installation
Fitting connection	1/4 NPT
Electrical connection	Form A Plug as per EN 175301-803 Rectangular design
Nominal width	13.5 mm
Valve function	2/2, closed, monostable
Manual override	None
Flow direction	Non-reversible
Medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Inert gas Mineral oil Water Neutral liquids Other flow media on request
Nominal pressure of fitting PN	40
Pressure difference	0 MPa
Differential pressure	0 bar
Pressure difference	0 psi
Coil characteristics	24 V DC: 11.0 W
Permissible voltage fluctuations	+/- 10 %
Symbol	00992976
Medium pressure	0 MPa ... 1 MPa
Medium pressure	0 bar ... 10 bar
Medium pressure	0 psi ... 145 psi
Max. viscosity	22 mm²/s
Temperature of medium	-10 °C ... 80 °C

Feature	Value
Ambient temperature	-10 °C ... 35 °C
Leak rate to EN 12266-1	A
Flow rate Kv	1.8 m³/h
Standard nominal flow rate	1920 l/min
On switching time	130 ms
Switching time off	180 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	1000 g
Degree of protection	IP65
Corrosion resistance class (CRC)	3 - High corrosion stress