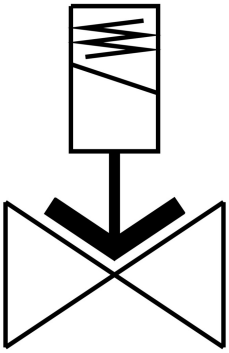
Air solenoid valve VZWF-B-L-M22C-N14-135-3AP4-10-R1

Part number: 1492358



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	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 0 psi
Differential pressure	0 bar
Coil characteristics	230 V AC: 50/60 Hz, initial power 18.0 VA, holding power 15.0 VA
Permissible voltage fluctuations	+/- 10 %
Medium pressure	0 MPa...1 MPa 0 bar...10 bar 0 psi...145 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	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
CE marking (see declaration of conformity)	as per EU pressure equipment directive As per EU low voltage directive
UKCA marking (see declaration of conformity)	according to UK regulations for pressure equipment To UK instructions for electrical equipment
Degree of protection	IP65
Corrosion resistance class (CRC)	3 - High corrosion stress