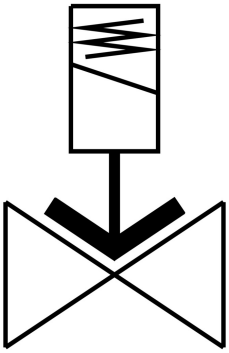
Air solenoid valve VZWF-L-M22C-G2-500-V-2AP4-6-R1

Part number: 1492253



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	G2
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	110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA
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	FPM
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 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