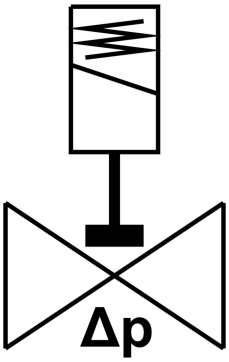
Air solenoid valve VZWP-L-M22C-N34-250-V-2AP4-40

Part number: 1489988



Data sheet

Feature	Value
Structural design	Pilot-controlled piston poppet valve
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Coil preferably on top
Type of mounting	Line installation
Fitting connection	3/4 NPT
Electrical connection	Form A Plug as per EN 175301-803 Rectangular design
Nominal width	25 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 Neutral liquids Other flow media on request
Nominal pressure of fitting PN	40
Pressure difference	0.05 MPa 7.25 psi
Differential pressure	0.5 bar
Coil characteristics	110 V AC: 50/60 Hz, initial power 10.5 VA, holding power 8.0 VA
Insulation class	H
Permissible voltage fluctuations	+/- 10 %
Duty cycle	100%
Type of control	Pilot-controlled

Feature	Value
Medium pressure	0.05 MPa...4 MPa 0.5 bar...40 bar 7.25 psi...580 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	8.2 m³/h
Standard nominal flow rate	8750 l/min
On switching time	130 ms
Switching time off	300 ms
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Housing material	Cast brass
Material number of housing	CW617N
Seals material	FPM
Material of screws	High-alloy stainless steel
Material number of screw	1.4301
Product weight	1500 g
CE marking (see declaration of conformity)	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)	1 - Low corrosion stress