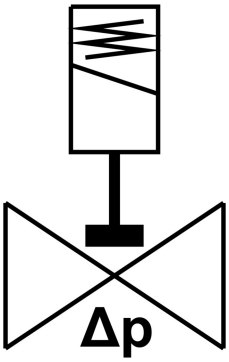
Solenoid valve VZWP-L-M22C-N12-130-V-3AP4-40

Part number: 1489997



Data sheet

Feature	Value
Design	Piloted piston poppet valve
Type of actuation	Electric
Sealing principle	Soft
Mounting position	Coil on top (preferred)
Type of mounting	In-line installation
Connection Process valve	1/2 NPT
Electrical connection	Type A Plugs To EN 175301-803 Square design
Nominal size	13 mm
Valve function	2/2-way, closed, monostable
Manual override	None
Flow direction	Non-reversible
Medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases Neutral fluids Other media on request
Nominal pressure PN	40
Pressure difference	0.05 MPa 0.5 bar 7.25 psi
Characteristic coil data	230 V AC: 50/60 Hz, pick-up power 10.5 VA, holding power 7.6 VA
Insulation material class	H
Permissible voltage fluctuations	+/- 10 %
Duty cycle	100%
Type of piloting	Pilot actuated

Feature	Value
Medium pressure	0.05 MPa...4 MPa 0.5 bar...40 bar 7.25 psi...580 psi
Max. viscosity	22 mm²/s
Media temperature	-10 °C...80 °C
Ambient temperature	-10 °C...35 °C
Leakage rate to EN 12266-1	A
Flow rate Kv	2.5 m³/h
Standard nominal flow rate	2650 l/min
Switching time on	100 ms
Switching time off	250 ms
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Material housing	Cast brass
Material number housing	CW617N
Material seals	FPM
Material screws	High-alloy stainless steel
Material number screw	1.4301
Product weight	550 g
CE mark (see declaration of conformity)	To EU Low Voltage Directive
CE marking (see declaration of conformity)	To UK regulations for electrical equipment
Degree of protection	IP65
Corrosion resistance class CRC	1 - Low corrosion stress