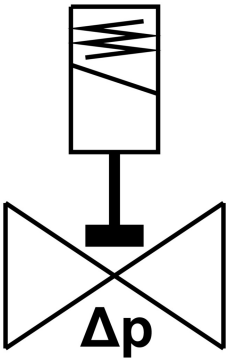
# Air solenoid valve VZWP-L-M22C-N12-130-V-3AP4-40

Part number: 1489997




## 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 | 1/2 NPT |
| Electrical connection | Form A<br>Plug<br>as per EN 175301-803<br>Rectangular design |
| Nominal width | 13 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]<br>Inert gas<br>Neutral liquids<br>Other flow media on request |
| Nominal pressure of fitting PN | 40 |
| Pressure difference | 0.05 MPa<br>7.25 psi |
| Differential pressure | 0.5 bar |
| Coil characteristics | 230 V AC: 50/60 Hz, initial power 10.5 VA, holding power 7.6 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<br>0.5 bar...40 bar<br>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 | 2.5 m³/h |
| Standard nominal flow rate | 2650 l/min |
| On switching time | 100 ms |
| Switching time off | 250 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 | 550 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 |