

Air solenoid valve

VZWP-L-M22C-N12-130-V-1P4-40

FESTO

Part number: 1489977



 General operating condition

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 | Plug as per EN 175301-803 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] Inert gas Neutral liquids Other flow media on request |
| Nominal pressure of fitting PN | 40 |
| Pressure difference | 0.05 MPa |
| Differential pressure | 0.5 bar |
| Pressure difference | 7.25 psi |
| Coil characteristics | 24 V DC: 6.8 W |
| Insulation class | H |
| Permissible voltage fluctuations | +/- 10 % |
| Duty cycle | 100% |
| Type of control | Pilot-controlled |
| Symbol | 00992974 |
| Medium pressure | 0.05 MPa ... 4 MPa |
| Medium pressure | 0.5 bar ... 40 bar |
| Medium pressure | 7.25 psi ... 580 psi |
| Max. viscosity | 22 mm ² /s |

| Feature | Value |
|---|----------------------------|
| 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 m ³ /h |
| Normal nominal flow rate (normalized to DIN 1343) | 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 |
| Degree of protection | IP65 |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |