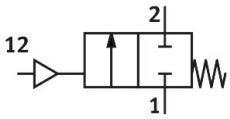
# Angle seat valve
# VZXF-L-M22C-M-B-G2-430-H3B1-50-3

Part number: 1002511






## Data sheet

| Feature | Value |
|---|---|
| Structural design | Poppet valve with piston actuator |
| Actuation type | Pneumatic |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of mounting | In-line installation |
| Cable connection | Threaded sleeve G2 as per DIN ISO 228 |
| Nominal width | 43 mm |
| Valve function | 2/2-way, closed, monostable |
| Flow direction | Non-reversible<br>Under valve seat, for gaseous and liquid media |
| Medium pressure | 0 MPa...0.3 MPa<br>0 bar...3 bar |
| Nominal pressure of fitting PN | 16 |
| Exhaust air function | Cannot be throttled |
| Reset method | Mechanical spring |
| Type of control | Externally controlled |
| Pneumatic connection | Internal thread G1/8 |
| Operating pressure | 0.6 MPa...1 MPa<br>6 bar...10 bar<br>87 psi...145 psi |
| Medium | Vapor<br>Hydraulic fluid based on mineral oil<br>Inert gas<br>Mineral oil<br>Water<br>Filtered compressed air, 200 µm filter mesh<br>Neutral liquids |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Max. viscosity | 600 mm²/s |
| Temperature of medium | -10 °C...80 °C |
| Ambient temperature | -10 °C...60 °C |
| Flow rate Kv | 23 m³/h |
| Note on materials | RoHS compliant |
| LABS (PWIS) conformity | VDMA24364 Zone III |

| Feature | Value |
|---|---|
| Valve housing material | Gunmetal |
| Material number, fitting housing | CC499K |
| Spindle seal material | NBR |
| Seat seal material | PTFE |
| Product weight | 2800 g |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive |
| UKCA marking (see declaration of conformity) | according to UK regulations for pressure equipment |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| Drive housing material | Brass |