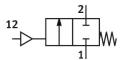
## Angle seat valve VZXF-L-M22C-M-B-G2-450-M1-V4V4T-80-5

**FESTO** 

Part number: 1002532





## **Data sheet**

| Feature                | Value   |
|------------------------|---|
| Design                 | Poppet valve with piston drive  |
| Type of actuation      | Pneumatic   |
| Sealing principle      | Soft  |
| Mounting position      | optional  |
| Type of mounting       | In-line installation  |
| Line connection        | Threaded coupling G2 to DIN ISO 228   |
| Nominal size           | 45 mm   |
| Valve function         | 2/2-way, closed, monostable   |
| Flow direction         | Non-reversible  |
| Medium pressure        | O MPaO.5 MPa<br>O bar5 bar  |
| Nominal pressure PN    | 40  |
| Exhaust-air function   | Without flow control option   |
| Type of reset          | Mechanical spring   |
| Type of piloting       | Externally controlled   |
| Pneumatic connection   | Female thread G1/8  |
| Operating pressure     | 0.6 MPa1 MPa<br>6 bar10 bar<br>87 psi145 psi  |
| Medium                 | Vapour<br>Mineral oil-based hydraulic fluid<br>Inert gases<br>Mineral oil<br>Water<br>Filtered compressed air, grade of filtration 200 µm<br>Neutral fluids |
| Direction of flow      | Below valve seat, for gaseous and liquid media  |
| Operating medium       | Compressed air to ISO 8573-1:2010 [7:4:4]   |
| Max. viscosity         | 600 mm <sup>2</sup> /s  |
| Media temperature      | -40 °C200 °C  |
| Ambient temperature    | -10 °C60 °C   |
| Flow rate Kv           | 39 m³/h   |
| Note on materials      | RoHS-compliant  |
| LABS (PWIS) conformity | VDMA24364 zone III  |

| Feature                                      | Value  |
|--|--|
| Material process valve housing               | Stainless steel casting                            |
| Material number process valve housing        | 1.4408   |
| Material spindle seal                        | PTFE   |
| Material seat seal                           | PTFE   |
| Product weight                               | 5400 g   |
| CE mark (see declaration of conformity)      | In accordance with EU Pressure Equipment Directive |
| UKCA marking (see declaration of conformity) | to UK Pressure Equipment Regulations               |
| Corrosion resistance class CRC               | 3 - high corrosion stress                          |
| Material drive housing                       | High-alloy stainless steel                         |