

Angle seat valve VZXF-L-M22C-M-B-N114-290-H3B1-50-7

FESTO

Part number: 1002540



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 1 1/4 NPT to ANSI/ASME B 1.20.1 |
| Nominal size | 29 mm |
| Valve function | 2/2-way, closed, monostable |
| Flow direction | Non-reversible |
| Medium pressure | 0 MPa...0.7 MPa 0 bar...7 bar |
| Nominal pressure PN | 16 |
| 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 MPa...1 MPa 6 bar...10 bar 87 psi...145 psi |
| Medium | Vapour Mineral oil-based hydraulic fluid Inert gases Mineral oil Water Filtered compressed air, grade of filtration 200 µm 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 ² /s |
| Media temperature | -10 °C...80 °C |
| Ambient temperature | -10 °C...60 °C |
| Flow rate Kv | 6 m ³ /h |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |

| Feature | Value |
|--|--|
| Material process valve housing | Gunmetal (red brass) |
| Material number process valve housing | CC499K |
| Material spindle seal | NBR |
| Material seat seal | PTFE |
| Product weight | 1900 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 | 1 - Low corrosion stress |
| Material drive housing | Brass |