

# Angle seat valve VZXF-L-M22C-M-A-G34-180-M1-V4V4T-50-16

Part number: 1002514

**FESTO**



## 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 G3/4 as per DIN ISO 228                           |
| Nominal width                    | 18 mm                                                             |
| Valve function                   | 2/2-way, closed, monostable                                       |
| Flow direction                   | Non-reversible<br>Above valve seat, for gaseous media             |
| Medium pressure                  | 0 MPa...1.6 MPa<br>0 bar...16 bar                                 |
| Nominal pressure of fitting PN   | 40                                                                |
| 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>Inert gas<br>Filtered compressed air, 200 µm filter mesh |
| Operating medium                 | Compressed air as per ISO 8573-1:2010 [7:4:4]                     |
| Max. viscosity                   | 600 mm²/s                                                         |
| Temperature of medium            | -40 °C...200 °C                                                   |
| Ambient temperature              | -10 °C...60 °C                                                    |
| Flow rate Kv                     | 7.5 m³/h                                                          |
| Note on materials                | RoHS compliant                                                    |
| LABS (PWIS) conformity           | VDMA24364 Zone III                                                |
| Valve housing material           | Cast stainless steel                                              |
| Material number, fitting housing | 1,4408                                                            |
| Spindle seal material            | PTFE                                                              |

| Feature                          | Value                      |
|----------------------------------|----------------------------|
| Seat seal material               | PTFE                       |
| Product weight                   | 1400 g                     |
| Corrosion resistance class (CRC) | 3 - High corrosion stress  |
| Drive housing material           | high-alloy stainless steel |