

# Angle seat valve

## VZXF-L-M22C-M-A-G2-450-M1-V4ANT-80-12

FESTO

Part number: 3540276



### Data sheet

| Feature                          | Value   |
|----------------------------------|---|
| Structural design                | Poppet valve with piston actuator                                 |
| Actuation type                   | Pneumatic   |
| Sealing principle                | Soft  |
| Mounting position                | Any   |
| Type of mounting                 | Line installation   |
| Cable connection                 | Threaded sleeve G2 as per DIN ISO 228                             |
| Nominal width                    | 45 mm   |
| Valve function                   | 2/2, closed, monostable   |
| Flow direction                   | Non-reversible  |
| Medium pressure                  | 0 MPa ... 1.2 MPa   |
| Medium pressure                  | 0 bar ... 12 bar  |
| Nominal pressure of fitting PN   | 40  |
| Exhaust air function             | Without flow control option                                       |
| Reset method                     | Mechanical spring   |
| Type of control                  | Externally controlled   |
| Pneumatic connection             | Internal thread G1/8  |
| Operating pressure               | 0.6 MPa ... 1 MPa   |
| Operating pressure               | 6 bar ... 10 bar  |
| Operating pressure               | 87 psi ... 145 psi  |
| Symbol                           | 00991367  |
| Medium                           | Vapor<br>Inert gas<br>Filtered compressed air, 200 µm filter mesh |
| Flow direction                   | Above valve seat, for gaseous media                               |
| Operating medium                 | Compressed air as per ISO 8573-1:2010 [7:4:4]                     |
| Max. viscosity                   | 600 mm <sup>2</sup> /s  |
| Temperature of medium            | -40 °C ... 200 °C   |
| Ambient temperature              | -10 °C ... 60 °C  |
| Flow rate Kv                     | 43 m <sup>3</sup> /h  |
| Note on materials                | Contains paint-wetting impairment substances<br>RoHS-compliant    |
| Valve housing material           | Cast stainless steel  |
| Material number, fitting housing | 1.4408  |
| Spindle seal material            | PTFE  |
| Seat seal material               | PTFE  |
| Product weight                   | 5400 g  |

| <b>Feature</b>                               | <b>Value</b>                                       |
|--|--|
| 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                       | Aluminum, nickel plated                            |