

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

FESTO

Part number: 3540276



General operating condition

## 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                | RoHS-compliant                                                    |
| LABS (PWIS) conformity           | VDMA24364 zone III                                                |
| Valve housing material           | Cast stainless steel                                              |
| Material number, fitting housing | 1.4408                                                            |
| Spindle seal material            | PTFE                                                              |
| Seat seal material               | PTFE                                                              |
| Product weight                   | 5400 g                                                            |

| Feature                                      | Value                                              |
|----------------------------------------------|----------------------------------------------------|
| 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                            |