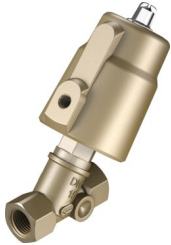


# Angle seat valve VZXF-L-M22C-M-A-G12-120-H3B1V-50-V

FESTO

Part number: 3538869



[PDF](#) 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 G1/2 as per DIN ISO 228                           |
| Nominal width                    | 12 mm                                                             |
| Valve function                   | 2/2, closed, monostable                                           |
| Flow direction                   | Non-reversible                                                    |
| Medium pressure                  | -0.09 MPa ... 0 MPa                                               |
| Medium pressure                  | -0.9 bar ... 0 bar                                                |
| Nominal pressure of fitting PN   | 16                                                                |
| 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            | -10 °C ... 80 °C                                                  |
| Ambient temperature              | -10 °C ... 60 °C                                                  |
| Flow rate Kv                     | 3.5 m <sup>3</sup> /h                                             |
| Note on materials                | RoHS-compliant                                                    |
| LABS (PWIS) conformity           | VDMA24364 zone III                                                |
| Valve housing material           | Red brass                                                         |
| Material number, fitting housing | CC499K                                                            |
| Spindle seal material            | FPM                                                               |
| Seat seal material               | FPM                                                               |
| Product weight                   | 1200 g                                                            |

| Feature                          | Value                    |
|----------------------------------|--------------------------|
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| Drive housing material           | Brass                    |