

# Angle seat valve VZXF-L-M22C-M-B-G2-430-M1-H3B1T-50-3

FESTO

Part number: 3535838



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                    | 43 mm  |
| Valve function                   | 2/2, closed, monostable  |
| Flow direction                   | Non-reversible   |
| Medium pressure                  | 0 MPa ... 0.3 MPa  |
| Medium pressure                  | 0 bar ... 3 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>Hydraulic fluid based on mineral oil<br>Inert gas<br>Mineral oil<br>Water<br>Filtered compressed air, 200 µm filter mesh<br>Neutral liquids |
| Flow direction                   | Under valve seat, for gaseous and liquid 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                     | 23 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   |

| <b>Feature</b>                               | <b>Value</b>                                       |
|--|--|
| Spindle seal material                        | PTFE   |
| Seat seal material                           | PTFE   |
| Product weight                               | 2800 g   |
| 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                       | Brass  |