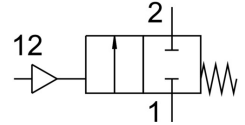


# Angle seat valve VZXF-L-M22C-M-B-G2-450-M1-V4V4T-50-3

FESTO

Part number: 1002523



## Data sheet

| Feature                          | Value                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type code                        | VZXF                                                                                                                                                 |
| 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 bar ... 3 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               | 6 bar ... 10 bar                                                                                                                                     |
| 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                     | 19.5 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                   | 3500 g                                                                                                                                               |

| Feature                                    | Value                                  |
|--------------------------------------------|----------------------------------------|
| CE marking (see declaration of conformity) | as per EU pressure equipment directive |
| Corrosion resistance class (CRC)           | 3 - High corrosion stress              |
| Drive housing material                     | High-alloy stainless steel             |