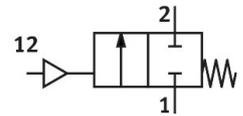


# Angle seat valve

## VZXF-L-M22C-M-A-N2-450-M1-V4V4T-80-12

FESTO

Part number: 1002563



## Data sheet

| Feature                               | Value  |
|---------------------------------------|--|
| Design                                | Poppet valve with piston drive   |
| Type of actuation                     | Pneumatic  |
| Sealing principle                     | Soft   |
| Mounting position                     | optional   |
| Type of mounting                      | In-line installation   |
| Line connection                       | Threaded coupling 2 NPT to ANSI/ASME B 1.20.1                                |
| Nominal size                          | 45 mm  |
| Valve function                        | 2/2-way, closed, monostable  |
| Flow direction                        | Non-reversible   |
| Medium pressure                       | 0 MPa...1.2 MPa<br>0 bar...12 bar  |
| Nominal pressure PN                   | 40   |
| Exhaust-air function                  | Without flow control option  |
| Type of reset                         | Mechanical spring  |
| Type of piloting                      | Externally controlled  |
| Pneumatic connection                  | Female thread G1/8   |
| Operating pressure                    | 0.6 MPa...1 MPa<br>6 bar...10 bar<br>87 psi...145 psi                        |
| Medium                                | Vapour<br>Inert gases<br>Filtered compressed air, grade of filtration 200 µm |
| Direction of flow                     | Above valve seat, for gaseous media  |
| Operating medium                      | Compressed air to ISO 8573-1:2010 [7:4:4]                                    |
| Max. viscosity                        | 600 mm <sup>2</sup> /s   |
| Media temperature                     | -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   |
| Material process valve housing        | Stainless steel casting  |
| Material number process valve housing | 1.4408   |
| Material spindle seal                 | PTFE   |

| <b>Feature</b>                               | <b>Value</b>                                       |
|--|--|
| Material seat seal                           | PTFE   |
| Product weight                               | 5400 g   |
| CE mark (see declaration of conformity)      | In accordance with EU Pressure Equipment Directive |
| UKCA marking (see declaration of conformity) | to UK Pressure Equipment Regulations               |
| Corrosion resistance class CRC               | 3 - high corrosion stress                          |
| Material drive housing                       | High-alloy stainless steel                         |