

# Angle seat valve

## VZXF-L-M22C-M-A-N34-180-M1-V4V4T-50-16

FESTO

Part number: 1002547



 General operating condition

### 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 3/4 NPT as per ANSI/ASME B 1.20.1                          |
| Nominal size                          | 18 mm  |
| Valve function                        | 2/2-way, closed, monostable  |
| Flow direction                        | Non-reversible   |
| Medium pressure                       | 0 MPa ... 1.6 MPa  |
| Medium pressure                       | 0 bar ... 16 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  |
| Operating pressure                    | 6 bar ... 10 bar   |
| Operating pressure                    | 87 psi ... 145 psi   |
| Symbol                                | 00991367   |
| 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                          | 7.5 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   |
| Material seat seal                    | PTFE   |
| Product weight                        | 1400 g   |

| <b>Feature</b>                 | <b>Value</b>               |
|--------------------------------|----------------------------|
| Corrosion resistance class CRC | 3 - high corrosion stress  |
| Material drive housing         | High-alloy stainless steel |