

# Angle seat valve VZXA-B-TS6-32-M2-V13T-4.4-K-46-17-V4

FESTO

Part number: 8060533



 [General operating condition](#)

## Data sheet

| Feature                | Value  |
|------------------------|--|
| Structural design      | Poppet valve with piston actuator  |
| Actuation type         | Pneumatic  |
| Mounting position      | Any  |
| Type of mounting       | Line installation  |
| Cable connection       | Threaded sleeve G1 1/4 as per DIN ISO 228  |
| Valve function         | 2/2  |
| Flow direction         | Non-reversible   |
| Medium pressure        | 0 MPa ... 0.44 MPa   |
| Medium pressure        | 0 bar ... 4.4 bar  |
| Reset method           | Mechanical spring  |
| Type of control        | Externally controlled  |
| Pneumatic connection   | Internal thread G1/8   |
| Operating pressure     | 0.5 MPa ... 1 MPa  |
| Operating pressure     | 5 bar ... 10 bar   |
| Operating pressure     | 72.5 psi ... 145 psi   |
| Symbol                 | 00995586   |
| 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   |
| Control of the medium  | On/off mode  |
| 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 ... 180 °C  |
| Ambient temperature    | 0 °C ... 60 °C   |
| Flow rate Kv           | 27.9 m <sup>3</sup> /h   |
| Use in exterior area   | Weather-protected locations class C1 based on IEC 60654-1  |
| Note on materials      | RoHS-compliant   |
| LABS (PWIS) conformity | VDMA24364 zone III   |
| Valve housing material | Cast stainless steel   |

| Feature                                      | Value  |
|--|--|
| Material number, fitting housing             | 1.4409   |
| Seals material                               | FPM  |
| Spindle seal material                        | PTFE   |
| Seat seal material                           | PTFE   |
| Product weight                               | 2480 g   |
| Certification                                | CRN  |
| CE marking (see declaration of conformity)   | as per EU pressure equipment directive                             |
| Explosion prevention and protection          | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| UKCA marking (see declaration of conformity) | according to UK regulations for pressure equipment                 |
| Certificate issuing authority                | German Technical Control Board (TÜV) 968/V 1039.01/20              |
| Safety integrity level (SIL)                 | SIL 2  |
| PFH  | 1.36E-7  |
| PFD  | 5.95E-4  |
| Actuator size                                | 46 mm  |
| Stroke                                       | 17 mm  |
| Control function                             | Closed by spring force, NC   |
| Position sensing                             | With mechanical indicator  |
| Drive housing material                       | Cast stainless steel   |
| Material number, drive housing               | 1.4408   |
| Storage temperature                          | -10 °C ... 60 °C   |
| Degree of protection                         | IP65<br>IP67   |
| Piston rod material                          | High-alloy stainless steel   |
| Cover material                               | Cast stainless steel   |