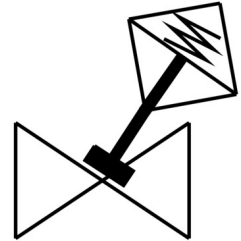



Angle seat valve

VZX-A-TS6-50-M2-V13T-16-M-90-26-PR-V4

FESTO

Part number: 8060518



 General operating condition

Data sheet

| Feature | Value |
|----------------------------------|---|
| Structural design | Poppet valve with diaphragm actuator |
| Actuation type | Pneumatic |
| Mounting position | Any |
| Type of mounting | Line installation |
| Cable connection | Threaded sleeve G2 as per DIN ISO 228 |
| Valve function | 2/2 |
| Flow direction | Non-reversible |
| Medium pressure | 0 MPa ... 1.6 MPa |
| Medium pressure | 0 bar ... 16 bar |
| Reset method | Mechanical spring |
| Type of control | Externally controlled |
| Pneumatic connection | Internal thread G1/8 |
| Operating pressure | 0.5 MPa ... 0.7 MPa |
| Operating pressure | 5 bar ... 7 bar |
| Operating pressure | 72.5 psi ... 101.5 psi |
| Symbol | 00995582 |
| Medium | Vapor Inert gas Filtered compressed air, 200 µm filter mesh |
| Flow direction | Above valve seat, for gaseous 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 ² /s |
| Temperature of medium | -10 °C ... 180 °C |
| Ambient temperature | 0 °C ... 60 °C |
| Flow rate Kv | 68.5 m ³ /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 |
| Material number, fitting housing | 1.4409 |
| Seals material | NBR |
| Spindle seal material | PTFE |

| Feature | Value |
|--|--|
| Seat seal material | PTFE |
| Product weight | 8095 g |
| Certification | CRN |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) 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 | 90 mm |
| Stroke | 26 mm |
| Control function | Closed by reduced 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 IP67 |
| Piston rod material | High-alloy stainless steel |
| Cover material | Cast stainless steel |