

Angle seat valve VZX A-B-TS6-50-M2-B1T-5.6-K-75-20-PM

FESTO

Part number: 8111597



 [General operating condition](#)

Data sheet

| Feature | Value |
|------------------------|--|
| Structural design | Poppet valve with piston actuator |
| Actuation type | Pneumatic |
| Mounting position | Any |
| Type of mounting | In-line installation |
| Cable connection | Threaded sleeve G2 as per DIN ISO 228 |
| Valve function | 2/2 |
| Flow direction | Non-reversible |
| Medium pressure | 0 MPa ... 0.56 MPa |
| Medium pressure | 0 bar ... 5.6 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 | 00995586 |
| Medium | Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids |
| Flow direction | Under valve seat, for gaseous and liquid media |
| Control of the medium | On/off operation |
| 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 | 38.8 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 | Brass |

| Feature | Value |
|--|--|
| Material number, fitting housing | CW724R |
| Seals material | FPM |
| Spindle seal material | PTFE |
| Seat seal material | PTFE |
| Product weight | 4754 g |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive |
| UKCA marking (see declaration of conformity) | according to UK regulations for pressure equipment |
| Actuator size | 75 mm |
| Stroke | 20 mm |
| Control function | Closed by spring force, NC |
| Position sensing | With mechanical indicator |
| Drive housing material | PA-reinforced |
| Storage temperature | -10 °C ... 60 °C |
| Degree of protection | IP65 IP67 |
| Piston rod material | high-alloy stainless steel |
| Cover material | PA-reinforced |