

Angle seat valve VZXA-B-TS7-1"-M2-B1T-8.3-K-46-17-PM

Part number: 8111607

FESTO



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 1 NPT as per ANSI/ASME B 1.20.1 |
| Valve function | 2/2 |
| Flow direction | Non-reversible Under valve seat, for gaseous and liquid media |
| Medium pressure | 0 MPa...0.83 MPa 0 bar...8.3 bar |
| Reset method | Mechanical spring |
| Type of control | Externally controlled |
| Pneumatic connection | Internal thread G1/8 |
| Operating pressure | 0.5 MPa...0.7 MPa 5 bar...7 bar 72.5 psi...101.5 psi |
| Medium | Vapor Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids |
| 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 | 15.9 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 |

| Feature | Value |
|----------------------------------|----------------------------|
| Valve housing material | Brass |
| Material number, fitting housing | CW724R |
| Seals material | FPM |
| Spindle seal material | PTFE |
| Seat seal material | PTFE |
| Product weight | 1486 g |
| Actuator size | 46 mm |
| Stroke | 17 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 |