


Angle seat valve

VZXA-A-TS7-2 1/2"-M2-V14T-8-M-90-26-PR-V4

FESTO

Part number: 8060526



 General operating condition

Data sheet

| Feature | Value |
|----------------------------------|-------------------------------------------------------------------|
| Structural design | Poppet valve with diaphragm actuator |
| Actuation type | Pneumatic |
| Mounting position | Any |
| Type of mounting | In-line installation |
| Cable connection | Threaded sleeve 2 1/2 as per ANSI/ASME B 1.20.1 |
| Valve function | 2/2 |
| Flow direction | Non-reversible |
| Medium pressure | 0 MPa ... 0.8 MPa |
| Medium pressure | 0 bar ... 8 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 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 | 77.4 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 | ASTM A351-CF3M |
| Seals material | NBR |
| Spindle seal material | PTFE |

| Feature | Value |
|-------------------------------------|--------------------------------------------------------------------|
| Seat seal material | PTFE |
| Product weight | 10185 g |
| Certification | CRN |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Certificate issuing authority | 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 |