

Angle seat valve VZXF-L-M22C-M-A-G114-290-H3ALV-80-V

FESTO

Part number: 3536830



General operating condition

Data sheet

| Feature | Value |
|----------------------------------|---|
| Structural design | Poppet valve with piston actuator |
| Actuation type | Pneumatic |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of mounting | In-line installation |
| Cable connection | Threaded sleeve G1 1/4 as per DIN ISO 228 |
| Nominal width | 29 mm |
| Valve function | 2/2-way, closed, monostable |
| Flow direction | Non-reversible |
| Medium pressure | -0.09 MPa ... 0 MPa |
| Medium pressure | -0.9 bar ... 0 bar |
| Nominal pressure of fitting PN | 16 |
| Exhaust air function | Cannot be throttled |
| Reset method | Mechanical spring |
| Type of control | Externally controlled |
| Pneumatic connection | Internal thread G1/8 |
| Operating pressure | 0.6 MPa ... 1 MPa |
| Operating pressure | 6 bar ... 10 bar |
| Operating pressure | 87 psi ... 145 psi |
| Symbol | 00991367 |
| Medium | Vapor Inert gas Filtered compressed air, 200 µm filter mesh |
| Flow direction | Above valve seat, for gaseous media |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Max. viscosity | 600 mm ² /s |
| Temperature of medium | -10 °C ... 80 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Flow rate Kv | 21.5 m ³ /h |
| Note on materials | RoHS compliant |
| LABS (PWIS) conformity | VDMA24364 Zone III |
| Valve housing material | Gunmetal |
| Material number, fitting housing | CC499K |
| Spindle seal material | FPM |
| Seat seal material | FPM |
| Product weight | 2300 g |

| Feature | Value |
|----------------------------------|-------------------------|
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| Drive housing material | Aluminum |