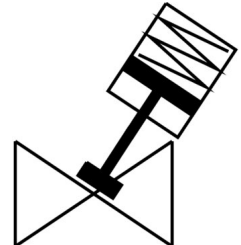


# Angle seat valve VZX A-B-TS6-20-M2-B1T-30-K-75-20-PM

Part number: 8111591

FESTO



 General operating condition

## 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 G3/4 as per DIN ISO 228                                                                                                              |
| Valve function         | 2/2                                                                                                                                                  |
| Flow direction         | Non-reversible                                                                                                                                       |
| Medium pressure        | 0 MPa ... 3 MPa                                                                                                                                      |
| Medium pressure        | 0 bar ... 30 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<br>Hydraulic fluid based on mineral oil<br>Inert gas<br>Mineral oil<br>Water<br>Filtered compressed air, 200 µm filter mesh<br>Neutral liquids |
| Flow direction         | Under valve seat, for gaseous and liquid 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 <sup>2</sup> /s                                                                                                                               |
| Temperature of medium  | -10 °C ... 180 °C                                                                                                                                    |
| Ambient temperature    | 0 °C ... 60 °C                                                                                                                                       |
| Flow rate Kv           | 11.8 m <sup>3</sup> /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                   | 2448 g                     |
| 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<br>IP67               |
| Piston rod material              | High-alloy stainless steel |
| Cover material                   | PA-reinforced              |