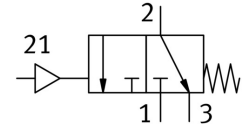
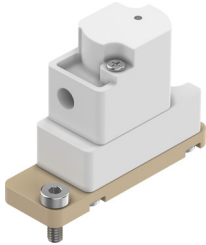


Media separated pneumatic valve VZDB-F10-M32-16-M3-PV

Part number: 8122799

FESTO



[PDF General operating condition](#)

Data sheet

| Feature | Value |
|--|---|
| Structural design | Rocker valve with diaphragm seal |
| Actuation type | Pneumatic |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of mounting | With through-hole for M2 screw |
| Fitting connection | External thread/external thread |
| Size | 10 |
| Nominal width | 1.6 mm |
| Valve function | 3/2, open/closed, monostable |
| Manual override | None |
| Flow direction | Non-reversible |
| Operating pressure | -0.075 MPa ... 0.1 MPa |
| Operating pressure | -0.75 bar ... 1 bar |
| Operating pressure | -10.875 psi ... 14.5 psi |
| Exhaust air function | With flow control option |
| Reset method | Mechanical spring |
| Type of control | Pilot-controlled |
| Pilot air port 21 | M3 |
| Fluid connector | Flange |
| Pilot pressure MPa | 0.15 MPa ... 0.3 MPa |
| Pilot pressure | 1.5 bar ... 3 bar |
| Pilot pressure psi | 21.75 psi ... 43.5 psi |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:1] |
| Symbol | 00997352 |
| Operating medium | Liquid media Gaseous media |
| Information on operating and pilot media | Observe resistance of materials that come into contact with media Maximum particle size 5 µm |
| Internal volume | 35 µl |
| Temperature of medium | 0 °C ... 50 °C |
| Ambient temperature | 0 °C ... 50 °C |
| Storage temperature | -20 °C ... 70 °C |
| Flow rate Kv | 0.034 m ³ /h |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Housing material | PEEK |

| Feature | Value |
|----------------------------------|-------------------------|
| Seals material | FPM |
| Product weight | 7 g |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| Max. switching frequency | 2 Hz |