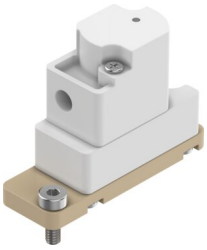
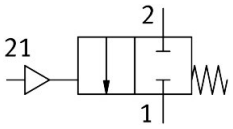
# Media separated pneumatic valve
# VZDB-F10-M22C-16-M3-PE

Part number: 8122795






## 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 | 2/2-way, closed, monostable |
| Manual override | None |
| Flow direction | Non-reversible |
| Operating pressure | -0.075 MPa...0.1 MPa<br>-0.75 bar...1 bar<br>-10.875 psi...14.5 psi |
| Exhaust air function | Adjustable |
| Reset method | Mechanical spring |
| Type of control | Piloted |
| 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] |
| Operating medium | Liquid media<br>Gaseous media |
| Information on operating and pilot media | Observe resistance of materials that come into contact with media<br>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 m³/h |

| Feature | Value |
|---|---|
| Note on materials | RoHS compliant |
| LABS (PWIS) conformity | VDMA24364 Zone III |
| Housing material | PEEK |
| Seals material | EPDM |
| Product weight | 7 g |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| Max. switching frequency | 2 Hz |