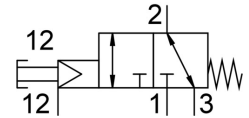


# Pushbutton valve VHEF-PTCZ-M32-M-N14

Part number: 5299724

FESTO



General operating condition

## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 3/2, open/closed, monostable                                       |
| Actuation type                           | Manual   |
| Width                                    | 20 mm  |
| Standard nominal flow rate               | 870 l/min  |
| Pneumatic working port                   | 1/4 NPT  |
| Operating pressure                       | -0.095 MPa ... 1 MPa   |
| Operating pressure                       | -0.95 bar ... 10 bar   |
| Structural design                        | Plate seat   |
| Reset method                             | Mechanical spring  |
| Nominal width                            | 6 mm   |
| Exhaust air function                     | With flow control option   |
| Application note                         | Operate by hand only   |
| Sealing principle                        | Soft   |
| Mounting position                        | Any  |
| Type of control                          | Pilot-controlled   |
| Pilot air supply port                    | External   |
| Flow direction                           | Reversible   |
| Symbol                                   | 00995884   |
| Lap                                      | Zero overlap   |
| Pilot pressure MPa                       | 0.3 MPa ... 1 MPa  |
| Pilot pressure                           | 3 bar ... 10 bar   |
| Pilot pressure psi                       | 43.5 psi ... 145 psi   |
| Max. switching frequency                 | 0.5 Hz   |
| Explosion prevention and protection      | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:-:-]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 1 - Low corrosion stress   |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L  |
| Temperature of medium                    | -10 °C ... 60 °C   |
| Ambient temperature                      | -10 °C ... 60 °C   |
| Actuating force                          | 24.5 N   |
| Product weight                           | 161 g  |

| Feature                | Value  |
|------------------------|--|
| Type of mounting       | Optionally:<br>Front panel mounting<br>With through-hole |
| Pilot air port 12/14   | M5   |
| Pilot air port 12      | M5   |
| Pneumatic connection 1 | 1/4 NPT  |
| Pneumatic connection 2 | 1/4 NPT  |
| Pneumatic connection 3 | 1/4 NPT  |
| Note on materials      | RoHS-compliant   |
| Cover material         | PA-reinforced  |
| Seals material         | NBR  |
| Housing material       | Wrought aluminum alloy, anodized                         |