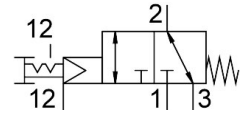


# Pushbutton valve VHEF-PTCZ-B32-G14

Part number: 5299714

**FESTO**



 General operating condition

## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Valve function                           | 3/2, bistable                                                      |
| Actuation type                           | Manual                                                             |
| Width                                    | 20 mm                                                              |
| Standard nominal flow rate               | 870 l/min                                                          |
| Pneumatic working port                   | G1/4                                                               |
| Operating pressure                       | -0.095 MPa ... 1 MPa                                               |
| Operating pressure                       | -0.95 bar ... 10 bar                                               |
| Structural design                        | Plate seat                                                         |
| Nominal width                            | 6 mm                                                               |
| Exhaust air function                     | With flow control option                                           |
| Application note                         | Operate by hand only                                               |
| Sealing principle                        | Soft                                                               |
| Mounting position                        | Any                                                                |
| Manual override                          | Detenting                                                          |
| Type of control                          | Pilot-controlled                                                   |
| Pilot air supply port                    | External                                                           |
| Flow direction                           | Reversible                                                         |
| Symbol                                   | 00995886                                                           |
| 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                          | 20 N                                                               |
| Release force                            | 25 N                                                               |
| Product weight                           | 161 g                                                              |

| Feature                | Value                            |
|------------------------|----------------------------------|
| Type of mounting       | With through-hole                |
| Pilot air port 12/14   | M5                               |
| Pilot air port 12      | M5                               |
| Pneumatic connection 1 | G1/4                             |
| Pneumatic connection 2 | G1/4                             |
| Pneumatic connection 3 | G1/4                             |
| Note on materials      | RoHS-compliant                   |
| Cover material         | PA-reinforced                    |
| Seals material         | NBR                              |
| Housing material       | Wrought aluminum alloy, anodized |