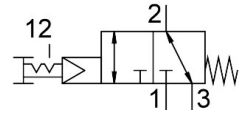


# Pushbutton valve VHEF-PTC-B32-G14

Part number: 5299713

**FESTO**



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Valve function                                    | 3/2-way, bistable                                                  |
| Actuation type                                    | Manual                                                             |
| Width                                             | 20 mm                                                              |
| Normal nominal flow rate (normalized to DIN 1343) | 870 l/min                                                          |
| Pneumatic working port                            | G1/4                                                               |
| Operating pressure                                | 0.35 MPa...1 MPa<br>3.5 bar...10 bar                               |
| Structural design                                 | Plate seat                                                         |
| Nominal width                                     | 6 mm                                                               |
| Exhaust air function                              | Adjustable                                                         |
| Application note                                  | Only operate by hand                                               |
| Sealing principle                                 | Soft                                                               |
| Mounting position                                 | Any                                                                |
| Manual override                                   | Detenting                                                          |
| Type of control                                   | Piloted                                                            |
| Pilot air supply port                             | Internal                                                           |
| Flow direction                                    | Reversible                                                         |
| Lap                                               | Zero overlap                                                       |
| Pilot pressure MPa                                | 0.35 MPa...1 MPa                                                   |
| Pilot pressure                                    | 3.5 bar...10 bar                                                   |
| Pilot pressure psi                                | 50.75 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                                                     |

| Feature                | Value                                                       |
|------------------------|-------------------------------------------------------------|
| Actuating force        | 20 N                                                        |
| Release force          | 25 N                                                        |
| Product weight         | 161 g                                                       |
| Type of mounting       | Alternatively:<br>Front panel mounting<br>With through-hole |
| 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                            |