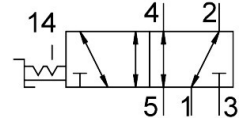


# Selector valve VHEF-E-B52-N18

Part number: 8080962

**FESTO**



## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 5/2, bistable  |
| Actuation type                           | Manual   |
| Width                                    | 20 mm  |
| Standard nominal flow rate               | 750 l/min  |
| Pneumatic working port                   | 1/8 NPT  |
| Operating pressure                       | -0.095 MPa...1 MPa<br>-0.95 bar...10 bar                           |
| Structural design                        | Piston gate valve  |
| Nominal width                            | 5.2 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                          | Direct   |
| Flow direction                           | Reversible   |
| Lap                                      | Overlap  |
| 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 torque                         | 0.3 Nm   |
| Unlocking torque                         | 0.3 Nm   |
| Max. force on actuator                   | 200 N  |
| Max. transverse load on actuator         | 200 N  |

| Feature                | Value  |
|------------------------|--|
| Product weight         | 235 g  |
| Type of mounting       | Front panel mounting<br>With through-hole<br>Optionally: |
| Pneumatic connection 1 | 1/8 NPT  |
| Pneumatic connection 2 | 1/8 NPT  |
| Pneumatic connection 3 | 1/8 NPT  |
| Pneumatic connection 4 | 1/8 NPT  |
| Pneumatic connection 5 | 1/8 NPT  |
| Note on materials      | RoHS-compliant   |
| Cover material         | PA-reinforced  |
| Seals material         | NBR  |
| Housing material       | Wrought aluminum alloy, anodized                         |
| Lever material         | PA-reinforced  |