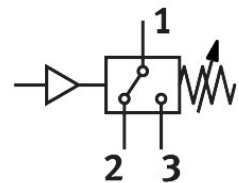


Vacuum switch VPEV-1/8

Part number: 150261

FESTO



Data sheet

| Feature | Value |
|--|--|
| Conforms to standard | EN 60947-5-1 |
| Certification | CCC |
| CE marking (see declaration of conformity) | As per EU low voltage directive |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment |
| Explosion prevention and protection | Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Note on materials | RoHS-compliant |
| Measured variable | Relative pressure |
| Method of measurement | Pneumatic/electric pressure transducer |
| Pressure measuring range | -0.1 MPa...0.16 MPa -1 bar...1.6 bar -14.5 psi...23.2 psi |
| Operating pressure | -0.1 MPa...0.16 MPa -1 bar...1.6 bar |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Temperature of medium | -20 °C...80 °C |
| Ambient temperature | -20 °C...80 °C |
| Switching element function | Changeover switch |
| Max. switching frequency | 3 Hz |
| Max. switching output voltage AC | 250 V |
| Max. switching output voltage DC | 125 V |
| Max. output current | 5000 mA |
| Minimum load current | 1 mA at 24 V 10 mA at 10 V 100 mA at 5V |
| Utilization category for inductive load | AC-14 DC-13 |
| Utilization category for ohmic load | AC-12 DC-12 |

| Feature | Value |
|--|--|
| Electrical connection | Form A Plug as per DIN 43650 Rectangular design |
| Type of mounting | With through-hole |
| Mounting position | Any |
| Pneumatic connection | G1/8 |
| Product weight | 240 g |
| Housing material | Wrought aluminum alloy |
| Switching contact material | Silver |
| Switching status indication | LED yellow |
| Setting range threshold value | -0.95 bar...-0.2 bar |
| Setting range threshold value after conversion | 0.16 bar...1.6 bar |
| Degree of protection | IP65 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |