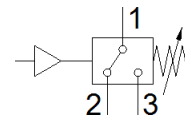
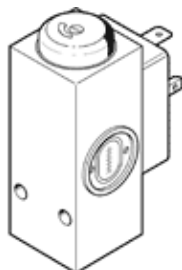


# pressure switch PEV-1/4-SC-OD

Part number: 161760

FESTO

Opens or closes an electrical circuit when a certain pressure value is reached. Adjustable pressure switching point. Without electrical socket.



## Data sheet

| Feature                                 | values  |
|---|---|
| Conforms to standard                    | EN 60947-5-1  |
| Authorisation                           | CCC   |
| CE mark (see declaration of conformity) | to EU directive low-voltage devices   |
| Materials note                          | Conforms to RoHS  |
| Measured variable                       | Relative pressure   |
| Measurement method                      | Pneu./elect. pressure transducer with setting scale                         |
| Operating pressure                      | 1 ... 12 bar  |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:-:-]<br>Water           |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation) |
| Medium temperature                      | -20 ... 80 °C   |
| Ambient temperature                     | -20 ... 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                     | 5,000 mA  |
| Minimum load current                    | 1 mA at 24 V<br>10 mA at 10 V<br>100 mA at 5V                               |
| Utilisation category for inductive load | AC-14<br>DC-13  |
| Utilisation category for ohmic load     | AC-12<br>DC-12  |
| Electrical connection                   | Plug<br>Cubic design<br>to DIN 43650<br>Design A                            |
| Mounting type                           | with through hole   |
| Assembly position                       | Any   |
| Pneumatic connection                    | G1/4  |
| Product weight                          | 144 g   |
| Materials information, housing          | Aluminium die cast  |
| Material information, switch contact    | silver  |
| Threshold setting range                 | 1 ... 12 bar  |
| Protection class                        | IP65  |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress   |