



Pressure switch-PEV-1/4-B

URL:<https://www.sxplc.com/pressure-switch-pev-1-4-b>

Product data sheet

Technical Data

- **Conforms to standard**EN 60947-5-1
- **Symbol**00991471
- **Approval**CCC
- **CE mark (see declaration of conformity)**To EU Low Voltage Directive
- **CE marking (see declaration of conformity)**To UK regulations for electrical equipment
- **Explosion protection**The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
- **Note on materials**RoHS-compliant
- **Measured variable**Relative pressure
- **Measurement method**Pneumatic/electric pressure transducer

- **Operating pressure** 0.1 MPa ... 1.2 MPa
- **Operating pressure** 1 bar ... 12 bar
- **Operating medium** Compressed air to ISO 8573-1:2010 [7:-:-] Water
- **Note on operating and pilot medium** Lubricated operation possible
(in which case lubricated operation will always be required)
- **Media temperature** -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
- **Min. load current** 1 mA at 24 V 10 mA at 10 V 100 mA at 5 V
- **Utilisation category - inductive load** AC-14 DC-13
- **Utilisation category - resistive load** AC-12 DC-12
- **Electrical connection** Type A Plugs To DIN 43650 Square design
- **Type of mounting** With through-hole
- **Mounting position** optional
- **Pneumatic connection** G1/4
- **Product weight** 194 g
- **Material housing** Die-cast aluminium
- **Material switch contact** Silver
- **Setting range threshold value** 1 bar ... 12 bar

- **Degree of protection** IP65
 - **Corrosion resistance class** CRC2 - Moderate corrosion stress
 - **LABS (PWIS) conformity** VDMA24364-B1/B2-L
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