



Pressure switches

Series P1

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|--|--|--------|--------|-------|-----|-----------------|--------|
| <p>Electrical function 1 pole NO</p> <p>Switch rating 250 mA 250 V~ 20 mA 125/250 V~ (UL/CSA)</p> <p>Ambient temperature -10 to +85°C</p> <p>Temperature of pressure medium max. 85°C</p> <p>Electrical connections solder pins 1.0 mm leads with different insulation, diameter and length</p> <p>Pressure range / Tolerances Pressure: +15 to +800 mbar Tolerance: +/- 10% Vacuum: -600 to -15 mbar= 15% Tolerance: +/- 15%</p> <p>Pressure connections Inlet 4.0 mm for tube connection</p> <p>Max. working pressure 1000 mbar</p> <p>Switch hysteresis Nearly no hysteresis</p> <p>Pressure medium Pressure: Non hazardous gas only Vacuum: Non hazardous gas only</p> <p>Fixing methods Soldering on PCB</p> |  <p>Materials</p> <table> <tr> <td>Cover:</td> <td>PA 6.6</td> </tr> <tr> <td>Base:</td> <td>PBT</td> </tr> <tr> <td>Adjustm. screw:</td> <td>PA 6.6</td> </tr> </table> <p>Contact carrying parts: Brass Silver plated (gold plating on request) Membrane: Nitrile, EPDM (Silicone, Perbunan on request) according to application</p> <p>Approvals</p>  <p>American approvals according to UL 508.</p> | Cover: | PA 6.6 | Base: | PBT | Adjustm. screw: | PA 6.6 |
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