


Pressure switches

Series M3

<p>Electrical function 1 pole NO 1 pole NC 1 pole change over</p> <p>Switch rating 16 (4) A 250V~ 5E4 10(3) A 250 V~ 5E4 3 (1) A 250 V~ 5E4</p> <p>Ambient temperature -10 to +85°C</p> <p>Temperature of pressure medium: max. 85°C</p> <p>Electrical connections Tab terminals 6.3 x 0.8 mm Tab terminals 4.8 x 0.8 mm (On request)</p> <p>Pressure range / Tolerances Pressure: +30 to +2500 mbar Tolerance: +/-10% Vacuum: -800 to -30 mbar Tolerance: +/-15%</p> <p>Pressure connections Inlet 4.0 mm (up to 500 mbar) Inlet 5.5 mm (up to 500 mbar) Threaded inlet 1/4" Gas 1/8" Gas</p> <p>Max. working pressure 3000 mbar</p> <p>Switch hysteresis Between 10 and 30 % depending on calibrations and type of micro switch</p> <p>Pressure medium</p>	 <p>As opposed to series 79 and P1 where the electrical part is integrated into the pressure chamber of the switches, the electrical unit of our pressure switches M3 consists of a standard micro switch. Therefore it is possible to use these types not only for transmission of electrical signals but also for direct switching of high resistive or inductive loads. The other difference is the hysteresis which can be defined by the operating force and by the movement differential of the micro switch.</p> <p>Micro switches According to the application micro switches from different suppliers are used. In any case the micro switches comply with EN 61058 and/or UL 1054. Special types on request.</p> <p>Materials Lower body: PA 6.6 Upper body: PA 6.6 Membranes: EPDM, others on request</p> <p>Approvals in progress</p>
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<p>Gases and liquids</p> <p>Fixing methods Plastic clips (version with inlet only)</p>	
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