

■ Pressure switch for liquid, gas (DCM)

- Pressure switch for liquid, gas, small range (DCM)
- Pressure switch for aggressive liquid, gas (DNS)
- Differential pressure switch for liquid, gas (DDCM)
- Vacuum switch for liquid, gas (VCM)
- Vacuum switch for aggressive liquid, gas (VNS)

## Pressure switch for liquid, gas (DCM)



For overpressure monitoring of non-aggressive liquids and gaseous media.

<b>Kind of pressure</b>	overpressure, relative
<b>Pressure connection</b>	internal thread G1/4, external thread G1/2
<b>Electrical connection</b>	Plug DIN EN 175301
<b>Protection class</b>	IP54
<b>Housing material</b>	rugged housing of seawater resistant aluminium die casting GD Al Si 12.
<b>Media temp.</b>	-25 ... 70 °C
<b>Media temp. limit</b>	temperatures up to 85 °C are allowable for short periods. Higher temperatures are possible, provided that the limit is safeguarded by suitable measures (e.g. water tube trap, see Accessories for Pressure Switches / Transmitters)
<b>Ambient temperature</b>	-25 ... 70 °C
<b>Ambient temp. limit</b>	at temperatures below 0 °C, ensure that no water condensation can arise in the sensor and in the switching device
<b>Switch function/capacity</b>	SPDT Microswitch 250 Vac; capacity 5 A inductive, 8 A resistive
<b>Optional functions</b>	add the type numbers below to the listed type numbers for extra functionality as described <ul style="list-style-type: none"><li>• -301: terminal connection housing, IP65</li><li>• -307: two microswitches, switching in parallel or in succession, fixed switching interval, terminal connection case, IP65</li><li>• -217: two microswitches, 1 plug, switching in succession, adjustable switching interval</li><li>• -213: gold-plated contacts, switching capacity: max. 24 Vdc, 100 mA, min. 5 Vdc, 2 mA. And others not available with adjustable switching difference.</li><li>• -351: protection class IP65 and switching housing with surface protection (chemical version)</li><li>• -513: gold-plated contacts, switching differential permanent, IP65, switching capacity: max. 24 Vdc, 100 mA, min. 5 Vdc, 2 mA; suitable isolating switching amplifier, degree of protection Ex-ia</li></ul>
<b>Certificates</b>	SIL 2 according IEC 61508-2