

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 aggressive liquid, gas (DNS)



For monitoring and controlling pressures in devices of the chemical industry and in the process engineering as well as wherever the pressure of aggressive liquids and gases has to be monitored.

<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 necessary, degree of protection Ex-i</li></ul>
<b>Certificates</b>	SIL2 according IEC 61508-2
<b>Sensing element material</b>	1.4571