

□ 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, small range (DCM)



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

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kind of pressure         | overpressure, relative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Pressure connection      | internal thread G1/4, external thread G1/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Electrical connection    | Plug DIN EN 175301                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Protection class         | IP54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Housing material         | rugged housing of seawater resistant aluminium die casting GD Al Si 12.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Media temp.              | -15 ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Media temp. limit        | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ambient temperature      | -15 ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ambient temp. limit      | at temperatures below 0 °C, ensure that no water condensation can arise in the sensor and in the switching device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Switch function/capacity | SPDT Microswitch 250 Vac; capacity 5 A inductive, 8 A resistive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Optional functions       | 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>•-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> |
| Certificates             | SIL2 according IEC 61508-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |