

- ▣ 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)

Differential pressure switch for liquid, gas (DDCM)



For flow monitoring and differential pressure control of steam, gas, hot/cold water and automatic checking of filter plant.

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| Kind of pressure | differential pressure, relative |
| Pressure connection | internal thread G1/4 |
| 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. | -25 ... 70 °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 | -25 ... 70 °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; 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"> •-301: terminal connection housing, IP65 •-205: maximum limiter with reclosing lock-out, interlocking with increasing pressure •-206: Minimum limiter with reclosing lock-out, interlocking with falling pressure •-307: two microswitches, switching in parallel or in succession, fixed switching interval, terminal connection case, IP65 (with the exception of DDCM252, 662, 1602, 6002) •-217: two microswitches, 1 plug, switching in succession, adjustable switching interval (with the exception of DDCM252, 662, 1602, 6002) •-213: gold-plated contacts, switching capacity: max. 24 Vdc, 100 mA, min. 5 Vdc, 2 mA. And others not available with adjustable switching difference. •-351: protection class IP65 and switching housing with surface protection (chemical version) •-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 |
| Certificates | SIL2 according IEC 61508-2 |