



## SUCO - 0165 ATEX PRESSURE SWITCH

### ATEX rated

0165449141001

5..50 bar, G1/4 female, CO, NBR, 2m cable, Ex, Aluminium

- Gas protected zones 1 and 2
- Up to 250 V
- Five adjustment ranges from 1..6 bar to 100..400 bar
- Changeover (SPDT)
- Over pressure safety from 200 bar up to 600 bar



### Product description

The 0165 series pressure switch is part of the ATEX range from SUCO for gas zones 1 and 2 offering adjustment while in operation. Pg9 cable gland connector and a maximum voltage of 250 V with a normally open and normally closed contact housed in a 30 A/F aluminium body offering a high pressure resistance. The switch point is very stable even after a long period of time and high load and can come pre-set.

Common applications include oil & gas, mills, foundries, chemical and process industries.

### Specifications

|                                    |                   |
|------------------------------------|-------------------|
| <b>Adjustment range max</b>        | 50                |
| <b>Adjustment range min</b>        | 5                 |
| <b>Approvals</b>                   | CSA US, Ex-d      |
| <b>Contact load max ac</b>         | 1                 |
| <b>Contact load max dc</b>         | 0.25              |
| <b>Deviation max</b>               | ±3,0              |
| <b>Electrical connection</b>       | Embedded 2m cable |
| <b>Function</b>                    | Changeover (SPDT) |
| <b>IP Class</b>                    | IP65              |
| <b>Material of body</b>            | Aluminium         |
| <b>Materials Wetted Parts</b>      | Aluminium, NBR    |
| <b>Max switching frequency/min</b> | 200               |

|                                 |             |
|---------------------------------|-------------|
| Max. pressure                   | 200         |
| Membrane Material               | NBR         |
| Process connection              | G1/4 female |
| Temperature ambient from        | -20         |
| Temperature ambient to          | 80          |
| Temperature range of media from | -20         |
| Temperature range of media to   | 80          |
| Type Pressure Switch            | ATEX        |
| Weight                          | 380         |
| Voltage AC / DC Max             | 250         |
| Voltage AC / DC Min             | 10          |



