



## SUCO - 0165 ATEX PRESSURE SWITCH

ATEX rated

0165448141001

1..6 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

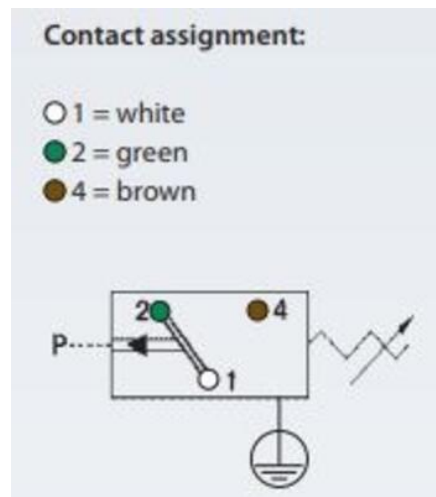
The 0165 series pressure switch is part of the ATEX range from SUCO for gas zones 1 and 2 offering adjustment while in operation. Pg9 cable gland connector and a maximum voltage of 250 V with a normally open and normally closed contact housed in a 30 A/F aluminium body offering a high pressure resistance. 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.

### TECHNICAL DATA

<b>Adjustment range max</b>	6 bar
<b>Adjustment range min</b>	1 bar
<b>Approvals</b>	CSA US, Ex-d
<b>Contact load max ac</b>	1 A
<b>Contact load max dc</b>	0,25 A
<b>Deviation max</b>	±0,5
<b>Electrical connection</b>	Embedded 2m cable
<b>Function</b>	Changeover (SPDT)
<b>IP class</b>	IP65
<b>Material membrane</b>	NBR
<b>Material of body</b>	Aluminium
<b>Material of wetted parts</b>	Aluminium, NBR

Max switching frequency/min	200
Pressure max	200 bar
Pressure range max	6 bar
Pressure range min	1 bar
Process connection	G1/4 female
Temperature ambient from	-20 °C
Temperature ambient to	80 °C
Temperature of media from	-20 °C
Temperature of media to	80 °C
Type Pressure Switch	ATEX
Weight	380 g
Voltage ac/dc max	250 V
Voltage ac/dc min	10 V



### Contact assignment:

- 1 = white
- 2 = green
- 4 = brown

