



## SUCO - 0165 ATEX PRESSURE SWITCH

ATEX rated

0165451141001

100..400 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

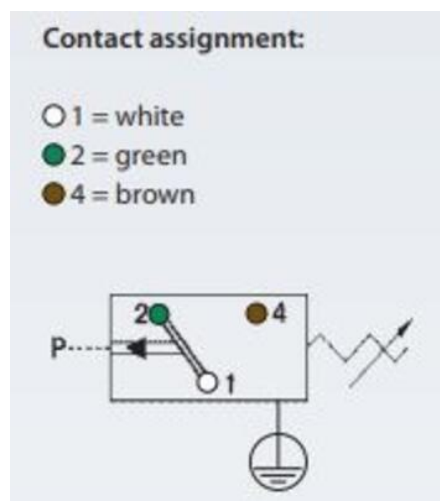
The 0165 series pressure switch is part of the ATEX range from SUCO for gas zones 1 and 2 offering adjustment while in operation. Pg9 cable gland connector and a maximum voltage of 250 V with a normally open and normally closed contact housed in a 30 A/F aluminium body offering a high pressure resistance.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

Adjustment range max	400 bar
Adjustment range min	100 bar
Approvals	CSA US, Ex-d
Contact load max ac	1 A
Contact load max dc	0.25 A
Deviation max	±5,0-9,0
Electrical connection	Embedded 2m cable
Function	Changeover (SPDT)
IP class	IP65
Material membrane	NBR
Material of body	Aluminium
Material of wetted parts	Aluminium, NBR

<b>Max switching frequency/min</b>	200
<b>Pressure max</b>	600 bar
<b>Pressure range max</b>	400 bar
<b>Pressure range min</b>	100 bar
<b>Pressure type</b>	Relativt tryck
<b>Process connection</b>	G1/4 female
<b>Temperature ambient from</b>	-20 °C
<b>Temperature ambient to</b>	80 °C
<b>Temperature of media from</b>	-20 °C
<b>Temperature of media to</b>	80 °C
<b>Type Pressure Switch</b>	ATEX
<b>Weight</b>	380 g
<b>Voltage ac/dc max</b>	250 V
<b>Voltage ac/dc min</b>	10 V



### Contact assignment:

○ 1 = white

● 2 = green

● 4 = brown

