



SUCO - 0165 ATEX PRESSURE SWITCH

ATEX rated

0165450143001

20..100 bar, G1/4 female, CO, FKM, 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	100 bar
Adjustment range min	20 bar
Approvals	ATEX, CE, CSA US, RoHS II
Contact load max ac	1 A
Contact load max dc	0.25 A
Deviation max	±3,0-5,0
Electrical connection	Embedded 2m cable
Function	Changeover (SPDT)
IP class	IP65
Material membrane	FKM
Material of body	Aluminium
Material of wetted parts	Aluminium, FKM

Max switching frequency/min	200
Pressure max	600 bar
Process connection	G1/4 female
Temperature ambient from	-20 °C
Temperature ambient to	80 °C
Temperature of media from	-15 °C
Temperature of media to	80 °C
Weight	380 g
Voltage ac/dc max	250 V
Voltage ac/dc min	10 V

