## **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 alumimium 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

Adjustment range max50Adjustment range min5ApprovalsCSA US, Ex-dContact load max ac1Contact load max dc0.25Deviation max±3,0Electrical connectionEmbedded 2m cableFunctionChangeover (SPDT)IP ClassIP65Material of bodyAluminium, NBRMaterials Wetted PartsAluminium, NBRMax switching frequency/min200		
ApprovalsCSA US, Ex-dContact load max ac1Contact load max dc0.25Deviation max±3,0Electrical connectionEmbedded 2m cableFunctionChangeover (SPDT)IP ClassIP65Material of bodyAluminiumMaterials Wetted PartsAluminium, NBR	Adjustment range max	50
Contact load max ac  Contact load max dc  Deviation max  £lectrical connection  Embedded 2m cable  Function  Changeover (SPDT)  IP Class  Material of body  Aluminium  Aluminium, NBR	Adjustment range min	5
Contact load max dc  Deviation max  ±3,0  Electrical connection  Embedded 2m cable  Changeover (SPDT)  IP Class  Material of body  Aluminium  Aluminium, NBR	Approvals	CSA US, Ex-d
Deviation max ±3,0  Electrical connection Embedded 2m cable  Function Changeover (SPDT)  IP Class IP65  Material of body Aluminium  Materials Wetted Parts Aluminium, NBR	Contact load max ac	1
Electrical connectionEmbedded 2m cableFunctionChangeover (SPDT)IP ClassIP65Material of bodyAluminiumMaterials Wetted PartsAluminium, NBR	Contact load max dc	0.25
Function Changeover (SPDT)  IP Class IP65  Material of body Aluminium  Materials Wetted Parts Aluminium, NBR	Deviation max	±3,0
IP Class IP65  Material of body Aluminium  Materials Wetted Parts Aluminium, NBR	Electrical connection	Embedded 2m cable
Material of body  Aluminium  Materials Wetted Parts  Aluminium, NBR	Function	Changeover (SPDT)
Materials Wetted Parts Aluminium, NBR	IP Class	IP65
	Material of body	Aluminium
Max switching frequency/min 200	Materials Wetted Parts	Aluminium, NBR
	Max switching frequency/min	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







