



## SUCO - 0166/0169 PRESSURE SWITCH

Compact design

0169418281602

50..150 bar, G1/8, Nc, NBR, Screw

- Up to 42 V
- Spade or screw terminals
- Six adjustment ranges from 0,1..1 bar to 50..150 bar
- Normally open or normally closed
- Overpressure safety of 300 bar or 600 bar



### PRODUCT DESCRIPTION

The 0166/0169 series pressure switch is the most cost effective solution from SUCO for mechanical pressure monitoring. Offering a maximum voltage of 42V with normally open or normally closed contacts housed in a hex 24 zinc plated body offering a high pressure resistance. The switch point is very stable even after a long period of time and high load and is also adjustable on site and can come pre-set.

Common applications include power packs, mobile hydraulics, water systems, hydraulics generally and pneumatics.

### TECHNICAL DATA

Adjustment range max	150 bar
Adjustment range min	50 bar
Approvals	CSA US, RoHS II
Contact rating max	4 A
Deviation max	±5
Electrical connection	Screw (M3)
Function	Normally Closed (SPST)
IP class	IP00
Material membrane	NBR
Material of body	Galvanized steel
Material of wetted parts	Galvanized steel, NBR
Max switching frequency/min	200

<b>Mechanical life expectancy</b>	1 million exchanges
<b>Pressure max</b>	700 bar
<b>Process connection</b>	1/8 BSP
<b>Temperature ambient from</b>	-20 °C
<b>Temperature ambient to</b>	80 °C
<b>Temperature of media from</b>	-40 °C
<b>Temperature of media to</b>	100 °C
<b>Weight</b>	90 g
<b>Voltage ac/dc max</b>	42 V
<b>Voltage ac/dc min</b>	10 V