



## SUCO - 0166/0169 PRESSURE SWITCH

Compact design

0166416031063  
20..50 bar, G1/4, Nc, NBR, Spade

- 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	50 bar
Adjustment range min	20 bar
Approvals	CSA US, RoHS II
Contact rating max	4 A
Deviation max	±2,0
Electrical connection	Spade (AMP 6,3x0,8 mm)
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>	400 bar
<b>Process connection</b>	1/4 BSP
<b>Temperature ambient from</b>	-40 °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>Type Pressure Switch</b>	High accuracy
<b>Weight</b>	90 g
<b>Voltage ac/dc max</b>	42 V
<b>Voltage ac/dc min</b>	10 V

