



## SUCO - 0180/0181 PRESSURE SWITCH

Long service life

0181460031003  
50..200 bar, G1/4, CO, NBR, Spade

- Up to 250 V
- Spade terminals
- Five adjustment ranges from 0.3-1.5 bar to 50-200 bar
- Changeover (SPDT)
- Over pressure safety from 100 bar up to 600 bar



### PRODUCT DESCRIPTION

The 0180/0181 series is a compact pressure switch and is part of the changeover contact range from SUCO. Offering a maximum voltage of 250 V with a normally open and normally closed contact housed in a hex 27 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

<b>Adjustment range max</b>	200 bar
<b>Adjustment range min</b>	50 bar
<b>Approvals</b>	CSA US, RoHS II
<b>Contact load max ac</b>	4 A
<b>Contact load max dc</b>	0.25 A
<b>Deviation max</b>	±5,0
<b>Electrical connection</b>	Spade (AMP 6,3x0,8 mm)
<b>Function</b>	Changeover (SPDT)
<b>Hysteresis</b>	10-30% depending on set value
<b>IP class</b>	IP00
<b>Material membrane</b>	NBR
<b>Material of body</b>	Galvanized steel
<b>Material of wetted parts</b>	Galvanized steel, NBR

Max switching frequency/min	200
Mechanical life expectancy	1 million exchanges
Pressure max	700 bar
Process connection	1/4 BSP
Temperature ambient from	-20 °C
Temperature ambient to	80 °C
Temperature of media from	-40 °C
Temperature of media to	100 °C
Type Pressure Switch	High accuracy
Weight	100 g
Voltage ac/dc max	250 V
Voltage ac/dc min	10 V

