



## SUCO - 0183 PRESSURE SWITCH

High pressure

0183462451051

100..300 bar, M14x1.5, CO, NBR, Spade

- Up to 250 V
- Spade terminals
- Two adjustment ranges of 100..300 bar & 200..400 bar
- Changeover (SPDT)
- Over pressure safety of 600 bar



### PRODUCT DESCRIPTION

The 0183 series is a high pressure version pressureswitch 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 and high pressure systems.

### TECHNICAL DATA

<b>Adjustment range max</b>	300 bar
<b>Adjustment range min</b>	100 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>	±10,0
<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>	Zinc-plated steel
<b>Material of wetted parts</b>	Zinc-plated steel, NBR

Max switching frequency/min	200
Mechanical life expectancy	1 million exchanges
Pressure max	600 bar
Process connection	M14x1.5
Temperature ambient from	-20 °C
Temperature ambient to	80 °C
Temperature of media from	-40 °C
Temperature of media to	100 °C
Weight	100 g
Voltage ac/dc max	250 V
Voltage ac/dc min	10 V

