



## SUCO - 0180/0181 PRESSURE SWITCH

Long service life

0180457032003

0,3..1,5 bar, G1/4, CO, EPDM, 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

Adjustment range max	1.5 bar
Adjustment range min	0.3 bar
Approvals	CSA US, RoHS II
Contact load max ac	4 A
Contact load max dc	0.25 A
Deviation max	±0,2
Electrical connection	Spade (AMP 6,3x0,8 mm)
Function	Changeover (SPDT)
Hysteresis	10-30% depending on set value
IP class	IP00
Material membrane	EPDM
Material of body	Galvanized steel
Material of wetted parts	EPDM, Galvanized steel



Max switching frequency/min	200
Mechanical life expectancy	1 million exchanges
Pressure max	100 bar
Process connection	1/4 BSP
Temperature ambient from	-20 °C
Temperature ambient to	80 °C
Temperature of media from	-30 °C
Temperature of media to	120 °C
Weight	100 g
Voltage ac/dc max	250 V
Voltage ac/dc min	10 V

