



SUCO - 0180/0181 PRESSURE SWITCH

Long service life

0180457031003
0,3..1,5 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

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	NBR
Material of body	Galvanized steel
Material of wetted parts	Galvanized steel, NBR

Max switching frequency/min	200
Mechanical life expectancy	1 million exchanges
Pressure max	100 bar
Pressure range max	1,5 bar
Pressure range min	0,3 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	100 °C
Type Pressure Switch	High accuracy
Weight	100 g
Voltage ac/dc max	250 V
Voltage ac/dc min	10 V

