



SUCO - 0180/0181 PRESSURE SWITCH

Long service life

0180458032042

1..10 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 | 10 bar |
| Adjustment range min | 1 bar |
| Approvals | CSA US, RoHS II |
| Contact load max ac | 4 A |
| Contact load max dc | 0.25 A |
| Deviation max | ±0,5 |
| 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 | 300 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 |

