



SUCO - 0180/0181 PRESSURE SWITCH

Long service life

0180459032009

10..50 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.

Specifications

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|-------------------------------|-------------------------------|
| Adjustment range max | 50 |
| Adjustment range min | 10 |
| Approvals | CSA US, RoHS II |
| Contact load max ac | 4 |
| Contact load max dc | 0.25 |
| Deviation max | ±3,0 |
| Electrical connection | Spade (AMP 6,3x0,8 mm) |
| Function | Changeover (SPDT) |
| Hysteresis | 10-30% depending on set value |
| IP Class | IP00 |
| Lifespan Mechanical | 1 million exchanges |
| Material of body | Galvanized steel |
| Materials Wetted Parts | EPDM, Galvanized steel |

| | |
|---------------------------------|---------|
| Max switching frequency/min | 200 |
| Max. pressure | 300 |
| Membrane Material | EPDM |
| Process connection | 1/4 BSP |
| Temperature ambient from | -20 |
| Temperature ambient to | 80 |
| Temperature range of media from | -30 |
| Temperature range of media to | 120 |
| Weight | 100 |
| Voltage AC / DC Max | 250 |
| Voltage AC / DC Min | 10 |

