



## SUCO - 0183 PRESSURE SWITCH

High pressure

0183462452051

100..300 bar, M14x1.5, CO, EPDM, 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

|                          |                               |
|--------------------------|-------------------------------|
| Adjustment range max     | 300 bar                       |
| Adjustment range min     | 100 bar                       |
| Approvals                | CSA US, RoHS II               |
| Contact load max ac      | 4 A                           |
| Contact load max dc      | 0.25 A                        |
| Deviation max            | ±10,0                         |
| 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         | Zinc-plated steel             |
| Material of wetted parts | EPDM, Zinc-plated steel       |

|                             |                     |
|-----------------------------|---------------------|
| 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   | -30 °C              |
| Temperature of media to     | 120 °C              |
| Weight                      | 100 g               |
| Voltage ac/dc max           | 250 V               |
| Voltage ac/dc min           | 10 V                |

