



## SUCO - 0186/0187 PRESSURE SWITCH

Stainless steel body

0186458031006

1..10 bar, G1/4, CO, NBR, Spade, Stainless steel

- Up to 250 V
- Spade terminals
- Five adjustment ranges from 0,5..5 bar to 50-200 bar
- Changeover (SPDT)
- Over pressure safety of 300 bar or 600 bar



### Product description

The 0186/0187 series pressure switch 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 also adjustable on site and can come pre-set.

Common applications include medical, chemical and water applications.

### Specifications

|                               |                               |
|-------------------------------|-------------------------------|
| <b>Adjustment range max</b>   | 10                            |
| <b>Adjustment range min</b>   | 1                             |
| <b>Approvals</b>              | CSA US, RoHS II               |
| <b>Contact load max ac</b>    | 4                             |
| <b>Contact load max dc</b>    | 0.25                          |
| <b>Deviation max</b>          | ±0,5                          |
| <b>Electrical connection</b>  | Spade (AMP 6,3x0,8 mm)        |
| <b>Function</b>               | Changeover (SPDT)             |
| <b>Hysteresis</b>             | 10-30% depending on set value |
| <b>IP Class</b>               | IP00                          |
| <b>Lifespan Mechanical</b>    | 1 million exchanges           |
| <b>Material of body</b>       | Stainless steel 303           |
| <b>Materials Wetted Parts</b> | NBR, Stainless steel 303      |

|                                 |               |
|---------------------------------|---------------|
| Max switching frequency/min     | 200           |
| Max. pressure                   | 300           |
| Membrane Material               | NBR           |
| Process connection              | 1/4 BSP       |
| Temperature ambient from        | -20           |
| Temperature ambient to          | 80            |
| Temperature range of media from | -40           |
| Temperature range of media to   | 100           |
| Type Pressure Switch            | High accuracy |
| Weight                          | 100           |
| Voltage AC / DC Max             | 250           |
| Voltage AC / DC Min             | 10            |

