



SUCO - 0196/0197 PRESSURE SWITCH

Stainless steel body

0196457031003

0,5..5 bar, G1/4, CO, NBR, Spade, Stainless steel



- Up to 24 V
- Spade terminals
- Five adjustment ranges from 0,5..5 bar to 50..200 bar
- Changeover (SPDT) with gold contacts
- Over pressure safety of 300 bar up to 600 bar

PRODUCT DESCRIPTION

The 0196/0197 series is a compact pressure switch and is part of the changeover contact range from SUCO. Offering a maximum voltage of 24 V (gold contacts) with a normally open and normally closed contact housed in a hex 27 stainless steel body offering 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 and mobile hydraulics

TECHNICAL DATA

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|-----------------------|-------------------------------|
| Adjustment range max | 5 bar |
| Adjustment range min | 0,5 bar |
| Approvals | CSA US, RoHS II |
| Contact load max ac | 4 A |
| Contact load max dc | 0,25 A |
| Deviation max | ±0,3 |
| 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 | Stainless steel 1.4305 |

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|-----------------------------|-----------------------------|
| Material of wetted parts | NBR, Stainless steel 1.4305 |
| Max switching frequency/min | 200 |
| Mechanical life expectancy | 1 million exchanges |
| Pressure max | 300 bar |
| Process connection | G1/4 |
| Temperature ambient from | -20 °C |
| Temperature ambient to | 80 °C |
| Temperature of media from | -40 °C |
| Temperature of media to | 100 °C |
| Weight | 100 g |
| Voltage ac/dc max | 250 V |
| Voltage ac/dc min | 10 V |

