



## SUCO - 0166/0169 PRESSURE SWITCH

Compact design

0166401031003  
0,1..1 bar, G1/4, No, NBR, Screw

- Up to 42 V
- Spade or screw terminals
- Six adjustment ranges from 0,1..1 bar to 50..150 bar
- Normally open or normally closed
- Overpressure safety of 300 bar or 600 bar



### PRODUCT DESCRIPTION

The 0166/0169 series pressure switch is the most cost effective solution from SUCO for mechanical pressure monitoring. Offering a maximum voltage of 42V with normally open or normally closed contacts housed in a hex 24 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

|                                    |                       |
|------------------------------------|-----------------------|
| <b>Adjustment range max</b>        | 1 bar                 |
| <b>Adjustment range min</b>        | 0,1 bar               |
| <b>Approvals</b>                   | CSA US, RoHS II       |
| <b>Contact rating max</b>          | 4 A                   |
| <b>Deviation max</b>               | ±0,2                  |
| <b>Electrical connection</b>       | Screw (M3)            |
| <b>Function</b>                    | Normally open (SPST)  |
| <b>IP class</b>                    | IP00                  |
| <b>Material membrane</b>           | NBR                   |
| <b>Material of body</b>            | Galvanized steel      |
| <b>Material of wetted parts</b>    | Galvanized steel, NBR |
| <b>Max switching frequency/min</b> | 200                   |

|                                   |                     |
|-----------------------------------|---------------------|
| <b>Mechanical life expectancy</b> | 1 million exchanges |
| <b>Pressure max</b>               | 400 bar             |
| <b>Process connection</b>         | 1/4 BSP             |
| <b>Temperature ambient from</b>   | -20 °C              |
| <b>Temperature ambient to</b>     | 80 °C               |
| <b>Temperature of media from</b>  | -40 °C              |
| <b>Temperature of media to</b>    | 100 °C              |
| <b>Weight</b>                     | 90 g                |
| <b>Voltage ac/dc max</b>          | 42 V                |
| <b>Voltage ac/dc min</b>          | 10 V                |

