



## SUCO - 0166/0169 PRESSURE SWITCH

Compact design

0169417032003

50..150 bar, G1/4, No, EPDM, 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

|                             |                        |
|-----------------------------|------------------------|
| Adjustment range max        | 150 bar                |
| Adjustment range min        | 50 bar                 |
| Approvals                   | CSA US, RoHS II        |
| Contact rating max          | 4 A                    |
| Deviation max               | ±5                     |
| Electrical connection       | Screw (M3)             |
| Function                    | Normally open (SPST)   |
| IP class                    | IP00                   |
| Material membrane           | EPDM                   |
| Material of body            | Galvanized steel       |
| Material of wetted parts    | EPDM, Galvanized steel |
| Max switching frequency/min | 200                    |

|                                   |                     |
|-----------------------------------|---------------------|
| <b>Mechanical life expectancy</b> | 1 million exchanges |
| <b>Pressure max</b>               | 700 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>  | -30 °C              |
| <b>Temperature of media to</b>    | 120 °C              |
| <b>Weight</b>                     | 90 g                |
| <b>Voltage ac/dc max</b>          | 42 V                |
| <b>Voltage ac/dc min</b>          | 10 V                |