



SUCO - 0166/0169 PRESSURE SWITCH

Compact design

0169419281603
50..150 bar, G1/8, No, NBR, Spade

- 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 | ±5,0 |
| Electrical connection | Spade (AMP 6,3x0,8 mm) |
| Function | Normally open (SPST) |
| IP class | IP00 |
| Material membrane | NBR |
| Material of body | Galvanized steel |
| Material of wetted parts | Galvanized steel, NBR |
| Max switching frequency/min | 200 |

| | |
|-----------------------------------|---------------------|
| Mechanical life expectancy | 1 million exchanges |
| Pressure max | 700 bar |
| Process connection | 1/4 BSP |
| Temperature ambient from | -40 °C |
| Temperature ambient to | 80 °C |
| Temperature of media from | -40 °C |
| Temperature of media to | 100 °C |
| Type Pressure Switch | High accuracy |
| Weight | 90 g |
| Voltage ac/dc max | 42 V |
| Voltage ac/dc min | 10 V |