



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

Adjustment range max	1 bar
Adjustment range min	0,1 bar
Approvals	CSA US, RoHS II
Contact rating max	4 A
Deviation max	±0,2
Electrical connection	Screw (M3)
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	400 bar
Process connection	1/4 BSP
Temperature ambient from	-20 °C
Temperature ambient to	80 °C
Temperature of media from	-40 °C
Temperature of media to	100 °C
Weight	90 g
Voltage ac/dc max	42 V
Voltage ac/dc min	10 V

