



SUCO - 0166/0169 PRESSURE SWITCH

Compact design

0169420283604

50..150 bar, G1/8, Nc, FKM, 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 Closed (SPST)
IP class	IP00
Material membrane	FKM
Material of body	Galvanized steel
Material of wetted parts	Galvanized steel
Max switching frequency/min	200

Mechanical life expectancy	1 million exchanges
Pressure max	700 bar
Process connection	1/8 BSP
Temperature ambient from	-20 °C
Temperature ambient to	80 °C
Temperature of media from	-10 °C
Temperature of media to	120 °C
Weight	90 g
Voltage ac/dc max	42 V
Voltage ac/dc min	10 V