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SUCO - 0164 PRESSURE SWITCH

Stainless steel body

0164416412016
20..50 bar, G1/4-E, Nc, EPDM, Spade, Stainless steel



- Up to 42 V
- Spade or screw terminals
- Five adjustment ranges from 0,1..1 bar to 20..50 bar
- Normally open or Normally closed
- Over pressure safety of 600 bar

PRODUCT DESCRIPTION

The SUCO 0164 series is built around a corrosion-resistant stainless-steel body (hex-24), designed to withstand demanding environments. It operates on voltages up to 42 V (AC/DC) and features either spade or screw terminal connections for electrical interfacing. Available in five adjustable pressure ranges this switch offers field-adjustable setpoints and stable switching behaviour over time, with a maximum deviation of ±0.2 bar and a high overpressure safety rating of 600 bar. Suitable for both normally open and normally closed SPST configurations, it supports currents up to 4 A. The switch accommodates media temperatures from –40 °C to +100 °C (and up to +120 °C with EPDM or FKM seals) and ambient temperatures between –20 °C and +80 °C.
Thanks to its robust stainless steel construction and NBR/EPDM/FKM seal options, the 0164 series excels in hygienic or corrosive media environments such as water treatment, medical devices, and chemical processing lines. Its compact design and spade/screw connection options simplify installation in compact control panels or mobile fluid systems. Users benefit from on-site setpoint adjustments for fine-tuning during commissioning and from reliable overpressure protection for safeguarding downstream components. Typical use cases include fluid-level safeguarding, pump control, leak detection alarm circuits, and pressure-based safety cut-offs in medical, industrial, and environmental systems.

TECHNICAL DATA

Adjustment range max	50 bar
Adjustment range min	20 bar
Approvals	CSA US, RoHS II
Contact rating max	4 A
Deviation max	±2,0
Electrical connection	Spade (AMP 6,3x0,8 mm)
Function	Normally Closed
IP class	IP00
Material membrane	EPDM
Material of body	Stainless steel

Material of wetted parts	EPDM, Stainless steel
Max switching frequency/min	200
Pressure max	600 bar
Process connection	G1/4-E
Temperature ambient from	-20 °C
Temperature ambient to	80 °C
Temperature of media from	-30 °C
Temperature of media to	120 °C
Voltage ac/dc max	42 V
Voltage ac/dc min	10 V
Weight	90 g







