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SUCO 0570 ELECTRONIC PRESSURE SWITCH/SENSOR

Dual output with display

0570469141001
4-20mA, 2xPNP, 0..400 bar, G1/4 female, NBR, DIN

- Programmable using keypad
- Three adjustment ranges from 0..10 bar to 0..400 bar
- 2 PNP + 4-20 mA output
- LED Display

PRODUCT DESCRIPTION

The SUCO 0570 is a menu controlled electonic pressure switch with a built in 4-20mA output and simple to program through the touch keypad. There are two switch points available and either can be programmed to normally open or normally closed along with switching time delay, zero point reset, peak value memory an switch point counter. The current pressure is displayed on the LED display and and both switch points have an active indication light.

Common applications include factory monitoring, air systems, hydraulics and more.

TECHNICAL DATA

GENERAL DATA

Adjustment range max	400 bar
Adjustment range min	0 bar
Electrical connection	GO 51 FAV M
Process connection	G1/4 female
Output	2 x PNP + 4-20mA
Burst pressure	650 bar
Pressure max	500 bar

TEMPERATURE & MATERIALS DATA

Temperature of media from	-20 °C
Temperature of media to	80 °C
Temperature ambient from	-20 °C

Temperature ambient to	80 °C
Material of body	Anodised aluminum
Material of wetted parts	Anodised aluminum, Ceramic, NBR
Material membrane	NBR
Measuring technology	Ceramic cell in thick-film technology

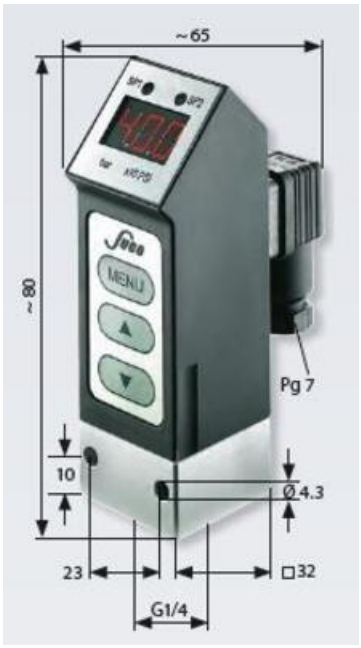
ADDITIONAL DATA

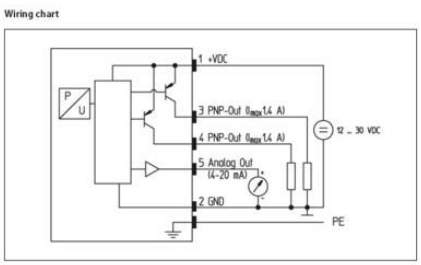
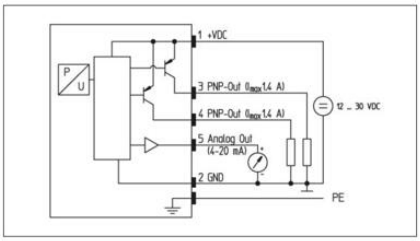
Supply voltage dc max	30 V DC
Supply voltage dc min	12 V DC
Weight	340 g

SAFETY & APPROVALS

Approvals	CE, RoHS II
IP class	IP65
Hysteresis	1...99% Full Scale
Shock resistance	294m / s²; 11 ms half sinusoidal wave; DIN EN 60068-2-27
Accuracy	±0.5% FS
Mechanical life expectancy	5,000,000 pulsations at rise rates to 1,000 bar/s nominal pressure

Pressure type	Relativt tryck
Type Pressure Switch	Electronic
Pressure range max	400 bar
Pressure range min	0 bar
Display	Yes





Wiring chart