SUCO - 0570 ELECTRONIC PRESSURE SWITCH/SENSOR

Dual output with display

0570467141001 4-20mA, 2xPNP, 0..10 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

| Accuracy | ±0.5% FS |
|----------------------------|---|
| Analogue outputs | 2x PNP + 4-20 mA |
| Approvals | CE, RoHS II |
| Burst pressure | 25 bar |
| Contact load max dc | 1,4 A |
| Electrical connection | DIN A 43650 |
| Hysteresis | 1-99% FS |
| IP class | IP65 |
| Material membrane | NBR |
| Material of body | Aluminium, Galvanized steel (epoxy lacquered) |
| Material of wetted parts | Aluminium, Ceramic, NBR |
| Measuring technology | Ceramic cell in thick-film technology |
| Mechanical life expectancy | 5 million cycles |



| Pressure max | 20 bar |
|---------------------------|--|
| | |
| Pressure range max | 10 bar |
| Pressure range min | 0 bar |
| Pressure reference | Gauge |
| Process connection | G1/4 female |
| Response time | 4 ms |
| Shock resistance | "294m / s²; 11 ms half sinusoidal wave; DIN EN 60068-2-27" |
| Supply voltage dc max | 30 V DC |
| Supply voltage dc min | 12 V DC |
| Temperature ambient from | -20 °C |
| Temperature ambient to | 80 °C |
| Temperature of media from | -20 °C |
| Temperature of media to | 80 °C |
| Type Pressure Switch | Electronic |
| Weight | 340 g |
| Vibration resistance | 10g: 5200 Hz sine wave, DIN EN 60068-2-6 |



