



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 electronic 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 and switch point counter. The current pressure is displayed on the LED display 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 | 10 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 | 25 bar |
| Pressure max | 20 bar |

TEMPERATURE & MATERIALS DATA

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

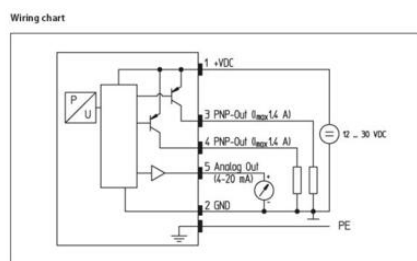
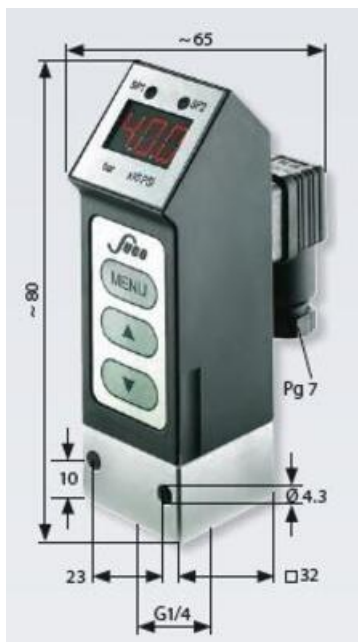
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|--------------------------|---------------------------------------|
| Temperature ambient to | 80 °C |
| Material of body | Anodised aluminum |
| Material of wetted parts | Anodised aluminum, Ceramic, NBR |
| Material membrane | NBR |
| Measuring 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 / s ² ; 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 | 10 bar |
| Pressure range min | 0 bar |
| Display | Yes |



Wiring chart

