SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0601401411013 0-10V, 0..40 bar, G1/4-E, NBR, DIN

- Measuring range up to 100 bar
- Ceramic sensor
- Small and compact
- Stainless steel housing





PRODUCT DESCRIPTION

The SUCO 0601/0602 performance series pressure sensor is a small, compact and cost effective pressure monitoring solution. Offering six standard pressure ranges with options of four different electrical connectors a thread of G1/4 and 0-10V or 4-20mA outputs. The 06 series uses a ceramic sensor in thick film technology which is housed in a stainless steel body.

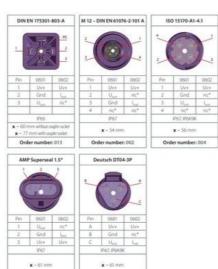
Common applications include mobile hydraulics and power packs.

TECHNICAL DATA

| Accuracy | ±1% FS |
|----------------------------|--------------------------------------|
| Burst pressure | 140 bar |
| Connection | G1/4-E |
| Electrical connection | DIN EN 175301-803-A |
| IP class | IP65 |
| Long term stability | ±0.3% FS p.a. |
| Material of body | Stainless steel 1.4305 |
| Material of wetted parts | Stainless steel 1.4305, Ceramic, NBR |
| Mechanical life expectancy | 5 million cycles |
| Overpressure protection | 100 bar |
| Pressure range max | 40 bar |
| Pressure range min | 0 bar |

| Pressure reference | Gauge |
|---------------------------|---|
| Pressure rise | 1 bar/ms |
| Repeatability | ±0.1% FS |
| Response time | 2 ms |
| Shock resistance | "500m / s ² ; 11 ms half sine wave; DIN EN 60068-2-27" |
| Signal type | 0-10 V |
| Supply voltage dc max | 32 V DC |
| Supply voltage dc min | 11 V DC |
| Temperature ambient from | -30 °C |
| Temperature ambient to | 100 °C |
| Temperature error | ±0.04% FS/°C |
| Temperature of media from | -30 °C |
| Temperature of media to | 100 °C |
| Weight | 110 g |
| Vibration resistance | 20g: 42000 Hz sine wave, DIN EN 60068-2-6 |





Order number: 007 Order number: 010

