SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602401412002 4-20mA, 0..40 bar, G1/4-E, EPDM, M12

- 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.

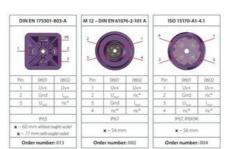
Common applications include mobile hydraulics and power packs.

Specifications

| Accuracy | ±1% FS |
|-------------------------|---------------------------------------|
| Burst Pressure | 140 |
| Connection Thread | G1/4-E |
| Electrical connection | M12x1 4-pole |
| IP Class | IP67 |
| Lifespan Mechanical | 5 million cycles |
| Long-Term Stability | ±0.3% FS p.a. |
| Material of body | Stainless steel 1.4305 |
| Materials Wetted Parts | Stainless steel 1.4305, Ceramic, EPDM |
| Overpressure protection | 100 bar |
| Pressure Range Max | 40 |
| Pressure Range Min | 0 |

| Pressure reference | Gauge |
|---------------------------------|--|
| Pressure rise | 1 bar/ms |
| Repeatability & Reproducibility | ±0.1% FS |
| Response Time | 2 |
| Shock Resistance | 500m / s²; 11 ms half sine wave; DIN EN 60068-2-27 |
| Signal type | 4-20 mA |
| Supply Voltage DC Max | 32 |
| Supply Voltage DC Min | 9.6 |
| Temperature ambient from | -30 |
| Temperature ambient to | 100 |
| Temperature error | ±0.04% FS/°C |
| Temperature range of media from | -30 |
| Temperature range of media to | 100 |
| Weight | 80 |
| Vibration Resistance | 20g: 42000 Hz sine wave, DIN EN 60068-2-6 |



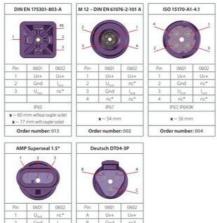


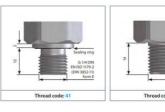




| AMP Superseal 1.5* | | De | utsch DTO | | |
|--------------------|------------------|-------------------|-----------|------------------|------|
| Pin | 0601 | 0602 | Pin | 0601 | 060 |
| 1 | Uput | 00* | A | Uv+ | Live |
| 2 | Gnd | lose | - 8 | Gnd | ric* |
| 3 | Uye | Uve | C | Uma | Link |
| | IP67 | | | IP67, IP6K9 | ¢ |
| | x ~ 61 mm | 1 | | x – 63 mm | i. |
| Order number: 007 | | Order number: 010 | | | |









| AMP Superseal 1.5* | | | De | utsch DT0- | 4-3P | |
|--------------------|--------------------------|-------------------|-------|-------------------|-------------|--|
| Pin 1 | 0601 U _{bul} | 0602 nc* | Pin A | 0601 Uv+ | 0600 Uye | |
| 2 | Gnd | lac | - 8 | Gnd | ric* | |
| 3 | Uye | Uve | C: | Ume | Lie | |
| IP67 | | IP67, IP6K9K | | | | |
| | x ~ 61 mm | 1 | | x – 61 mm | | |
| | | Order number: 007 | | Order number: 010 | | |