## SUCO - 0601/0602 PRESSURE SENSOR

## Performance series

0601401412013 0-10V, 0..40 bar, G1/4-E, EPDM, 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.

## Specifications

| Openiodiono             |                                       |
|-------------------------|---------------------------------------|
| Accuracy                | ±1% FS                                |
| Burst Pressure          | 140                                   |
| Connection Thread       | G1/4-E                                |
| Electrical connection   | DIN EN 175301-803-A                   |
| IP Class                | IP65                                  |
| 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                     | 0-10 V   |
| Supply Voltage DC Max           | 32   |
| Supply Voltage DC Min           | 11   |
| 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                          | 110  |
| Vibration Resistance            | 20g: 42000 Hz sine wave, DIN EN 60068-2-6          |



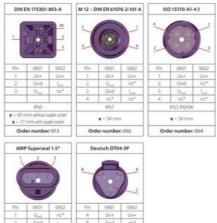


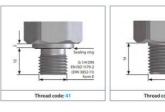




| AMP Superseal 1.5* |                          | De                | utsch DT0- | 4-3P              |            |  |
|--------------------|--------------------------|-------------------|------------|-------------------|------------|--|
| Pin 1              | 0601<br>U <sub>lut</sub> | 0602<br>nc*       | Pin A      | 0601<br>Uv+       | 060<br>Uve |  |
| 2                  | Gnd                      | line              | - 8        | Gnd               | nc*        |  |
| 3                  | Uye                      | Uve               | C          | Uma               | Line       |  |
|                    | IP67                     |                   |            | IP67, IP6K9       | ¢.         |  |
|                    | <b>x</b> ~ 61 mm         | 1                 |            | <b>x</b> – 61 mm  | i.         |  |
|                    |                          | Order number: 007 |            | Order number: 010 |            |  |









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|--------------------|--------------------------|-------------------|-------|-------------------|-------------|--|
| Pin 1              | 0601<br>U <sub>bul</sub> | 0602<br>nc*       | Pin A | 0601<br>Uv+       | 0600<br>Uye |  |
| 2                  | Gnd                      | lac               | - 8   | Gnd               | ric*        |  |
| 3                  | Uye                      | Uve               | C:    | Ume               | Line        |  |
| IP67               |                          | IP67, IP6K9K      |       |                   |             |  |
|                    | <b>x</b> ~ 61 mm         | 1                 |       | <b>x</b> – 61 mm  |             |  |
|                    |                          | Order number: 007 |       | Order number: 010 |             |  |