SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602200412002
4-20mA, 0..2 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.
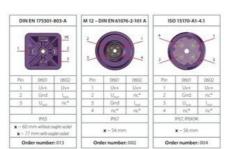
Common applications include mobile hydraulics and power packs.

Specifications

Accuracy	±1% FS
Burst Pressure	8
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	4 bar
Pressure Range Max	2
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: 4..2000 Hz sine wave, DIN EN 60068-2-6

hex 24

DIN EN 175301-803-A		
Pin	0601	0602
1	Uv+	Uv+
2	Gnd	Iout
3	Uout	nc*
IP65		
x ~ 60 mm without coupler socket		
x ~ 77 mm with coupler socket		
Order number: 013		

M 12 – DIN EN 61076-2-101 A		
Pin	0601	0602
1	Uv+	Uv+
2	Uout	nc*
3	Gnd	Iout
4	nc*	nc*
IP67		
x ~ 54 mm		
Order number: 002		

ISO 15170-A1-4.1		
Pin	0601	0602
1	Uv+	Uv+
2	Gnd	nc*
3	Uout	Iout
4	nc*	nc*
IP67, IP6K9K		
x ~ 56 mm		
Order number: 004		

AMP Superseal 1.5*		
Pin	0601	0602
1	Uout	nc*
2	Gnd	Iout
3	Uv+	Uv+
IP67		
x ~ 61 mm		
Order number: 007		

Deutsch DT04-3P		
Pin	0601	0602
A	Uv+	Uv+
B	Gnd	nc*
C	Uout	Iout
IP67, IP6K9K		
x ~ 61 mm		
Order number: 010		

Sealing ring
G 1/4 DIN EN ISO 1179-2 (DIN 3852-11) form E
Thread code: 41

NPT 1/4
Thread code: 09