OEM Automatic Ltd
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SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602101413002
4-20mA, 0..10 bar, G1/4-E, FKM, M12

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

PRODUCT DESCRIPTION

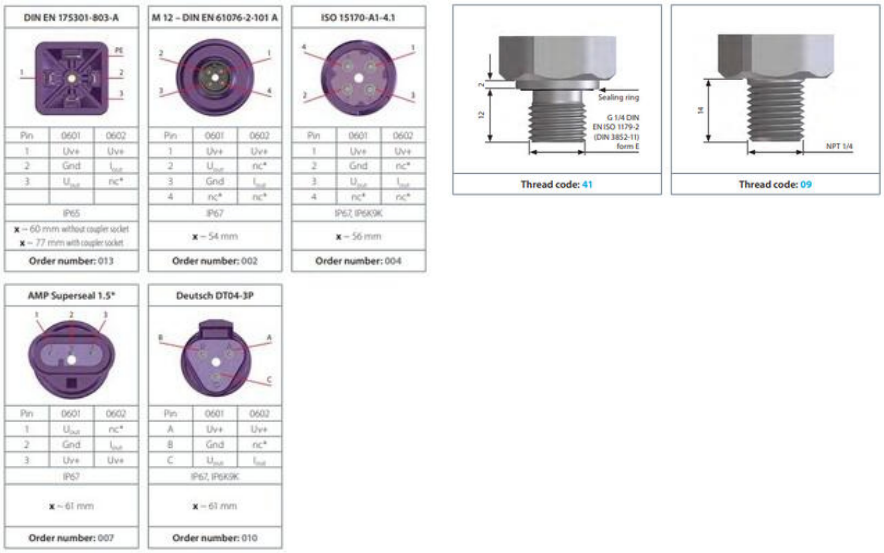
The SUCO 0601/0602 performance series pressure sensor is a small, compact and cost effective pressure monitoring solution. Offering six standard pressure ranges with options of four different electrical connectors a thread of G1/4 and 0-10V or 4-20mA outputs. The 06 series uses a ceramic sensor in thick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

Common applications include mobile hydraulics and power packs.

TECHNICAL DATA

Accuracy	±1% FS
Burst pressure	35 bar
Connection	G1/4-E
Electrical connection	M12x1 4-pole
IP class	IP67
Long term stability	±0.3% FS p.a.
Material of body	Stainless steel 1.4305
Material of wetted parts	Stainless steel 1.4305, Ceramic, FKM
Mechanical life expectancy	5 million cycles
Overpressure protection	20 bar
Pressure range max	10 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 / s²; 11 ms half sine wave; DIN EN 60068-2-27
Signal type	4-20 mA
Supply voltage dc max	32 V DC
Supply voltage dc min	9,6 V DC
Temperature ambient from	-30 °C
Temperature ambient to	100 °C
Temperature error	±0.04% FS/°C
Temperature of media from	-20 °C
Temperature of media to	125 °C
Weight	80 g
Vibration resistance	20g: 4..2000 Hz sine wave, DIN EN 60068-2-6



DIN EN 175301-803-A

Pin	0601	0602
1	Uv+	Uv+
2	Gnd	I_{out}
3	U_{out}	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

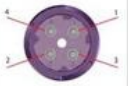
Pin	0601	0602
1	Uv+	Uv+
2	U_{out}	nc*
3	Gnd	I_{out}
4	nc*	nc*

IP67

x – 54 mm

Order number: 002

ISO 15170-A1-4.1



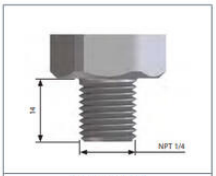
Pin	0601	0602
1	Uv+	Uv+
2	Gnd	nc*
3	U_{out}	I_{out}
4	nc*	nc*

IP67, IP6K9K

x – 56 mm

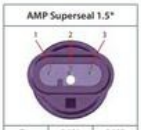
Order number: 004

Thread code: 41



Thread code: 09

AMP Superseal 1.5*



Pin	0601	0602
1	U_{out}	nc*
2	Gnd	I_{out}
3	Uv+	Uv+

IP67

x – 61 mm

Order number: 007

Deutsch DT04-3P

Pin	0601	0602
A	Uv+	Uv+
B	Gnd	nc*
C	U_{out}	I_{out}

IP67, IP6K9K

x – 61 mm

Order number: 010