## SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602161413013 4-20mA, 0..16 bar, G1/4-E, FKM, 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.

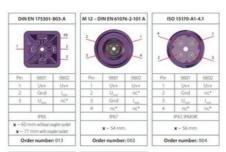
Common applications include mobile hydraulics and power packs.

## **TECHNICAL DATA**

Accuracy	±1% FS			
Burst pressure	60 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, FKM			
Mechanical life expectancy	5 million cycles			
Mechanical life expectancy  Overpressure protection	5 million cycles 40 bar			
Overpressure protection	40 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	110 g
Vibration resistance	20g: 42000 Hz sine wave, DIN EN 60068-2-6









AMP Superseal 1.5*		Deutsch DT04-3P			
Pin 1	D601 U <sub>bat</sub> Gnd	0602 nc*	Pin A 8	0601 Uv+ Gnd	060 Uve
3	Live	Uve	C	U <sub>me</sub>	1
1P67		IP67, IP6K9K			
	<b>x</b> ~ 61 mm		<b>x</b> – 61 mm		
Order number: 007		Order number: 010			