## SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0601400412007 0-10V, 0..4 bar, G1/4-E, EPDM, AMP Superseal 1.5®

- 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	20 bar
Connection	G1/4-E
Electrical connection	AMP Superseal
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, EPDM
Mechanical life expectancy	5 million cycles
Overpressure protection	10 bar
Pressure range max	4 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	0-10 V					
Supply voltage dc max	32 V DC					
Supply voltage dc min	11 V DC					
Temperature ambient from	-30 °C					
Temperature ambient to	100 °C					
Temperature error	±0.04% FS/°C					
Temperature of media from	-30 °C					
Temperature of media to	100 °C					
Weight	80 g					
Vibration resistance	20g: 42000 Hz sine wave, DIN EN 60068-2-6					



DIN EN 175301-803-A		M 12 - DIN EN 61076-2-101 A			ISO 15170-A1-4.1			
-		M 2 3	2	0	L	1	$\overline{\cdot}$	
Pin	0601	0602	Pin	0601	0602	Pin	0601	0602
AL .	Uv+	Uve	1	Uv+	Uve	1	Uve	UV4
2	Gnd	ture .	2	Une	nc*	2	Gnd	ric*
3	Um	nc*	3	Gnd	L <sub>ad</sub>	. 2	Unit	l <sub>int</sub>
_		-	- 4	nc*	DC*	4	nc*	nc*
1P65		IP67			1P67, IP6K9K			
<ul> <li>x - 60 mm without coupler societ</li> <li>x - 77 mm with coupler societ</li> </ul>		<b>x</b> – 54 mm		<b>x</b> – 56 mm				
Order number: 013		Order number: 002			Order number: 004			
AMP	Supersea	11.5*	De	utsch DT0-	4-3P			
5	-	1						
			1	40				
and		1		U	-			
Pin	0601	0602	Pin	0601	0602			
1	Uput	00*	A	Uv+	Liv+			
2	Gnd	lue	8	Gnd	nc*			
3	Uhre	Uve	C C	Ume	- Unit			

**x** - 61 mm

Order number: 010

 $\mathbf{x} \sim 61 \ \mathrm{mm}$ 

Order number: 007

