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SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0601102413002 0-10V, 0..100 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.

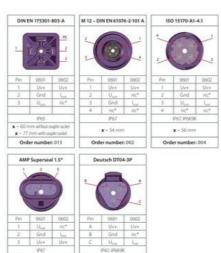
TECHNICAL DATA

Accuracy	±1% FS
Burst pressure	300 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	200 bar
Pressure range max	100 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 / s ² ; 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	-20 °C
Temperature of media to	125 °C
Weight	80 g
Vibration resistance	20g: 42000 Hz sine wave, DIN EN 60068-2-6

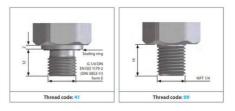




x - 61 mm

Order number: 007 Order number: 010

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





1 Uve 2 Gnd	Uve I _{cce}	1 2	Uv+ U _{ne}	Uv+ nc*	E
3. U _{IM}	nc*	3	Gnd nc*	L_d nc*	F
IP65			IP67		E
 60 mm without o 77 mm with on 			x - 54 mm		
x - 77 mm with coupler tocket Order number: 013		Order number: 002			





 Order Humber: 0/3
 Order Humber: 0/2

 AMP Superseal 1.5*
 Deutsch DT04-3P

 1
 2
 3

 Pin
 0601
 0602

 1
 Uss
 nct*

 2
 Grid
 Lus

 3
 U/re
 U/re

 PS2
 PS2
 PS2

 PS2
 PS2
 PS2

 Cher number: 007
 Order number: 010