SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602400413002 4-20mA, 0..4 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.

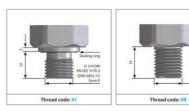
Specifications

Accuracy	±1% FS
Burst Pressure	20
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, FKM
Overpressure protection	10 bar
Pressure Range Max	4
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	-20
Temperature range of media to	125
Weight	80
Vibration Resistance	20g: 42000 Hz sine wave, DIN EN 60068-2-6



DINE	N 175301-	803-A	M 12 - D	IN EN 6107	6-2-101 A	ISC	0 15170-A1	-4.1
-		M	2	0	Ľ	X		
Pin	.0501	0602	Pin	0601	0602	Pin	0601	060
.1	Uve	Uve	1	Uv+	Uve	1	Uve	UV4
2	Grid	lue .	2	Uper	nc*	2	Gnd	nc*
3	Um	nc*	3	Gnd	L _{md}	3	Une	Unit
			4	nc*	0.02*	- 4	nc*	nc*
	IP65	·		IP67			IP67, IP6K9	6
	nm without co mim with cop			x - 54 mm	C		x - 56 mm	10
Ord	er number	013	Ord	er number	r; 002	Ord	er number	r: 004
AMP	Supersea	11.5*	De	utsch DT0-	4-3P			
			4	C	L			
Pin	0601	0602	Pin	0601	0602			
1	Uput	nc*	A	Uv+	Liv+			
2	Gnd	los	8 C	Gnd	nc*			
3	Uve	Uve		Ume	l _{mt}			
	1P67			# - 61 mm				
	· · · · · · · · · · · · · · · · · · ·		H	· - 10 (10)				



NPT 1/4



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 cou	pier socket		* - 24 mil		





 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