SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0601401413002 0-10V, 0..40 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.

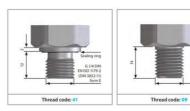
Specifications

Accuracy	±1% FS
Burst Pressure	140
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	100 bar
Pressure Range Max	40
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	0-10 V
Supply Voltage DC Max	32
Supply Voltage DC Min	11
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



	EN 175301-	803-A	M 12 - D	IN EN 6107	6-2-101 A	154	D 15170-A1	-4.1
-		N 12	2	0	Ľ	X		
Pin	.0601	0602	Pin	0601	0602	Pin	0601	060
1	Uve	Uve	1	Uv+	Uve	1	Uve	UV4
2	Gnd	lue .	2	Upper	nc*	2	Gnd	nc*
3	Um	DC*	3	Gnd	L _{od}	3	Upe	Unit
			4	nç*	0.02*	- 4	nc*	. nc*
	IP65	·		IP67			1P67, IP6K9	6
	mm without co rmm with cou			x - 54 mm	N		x - 56 mm	5
Ord	ler number	c 013	Ord	ler number	r; 002	Ord	er number	:004
AMI	P Supersea	3	De	utsch DTO-	4-3P			
0				Ċ	L			
Pn	0601	0602	Pin	0601	0602			
Pin	0601 U	0602	Pin	0601 Uv+	0602 Uv+			
	0601 U _{but} Grid	nc*	Pin A 8		and the second se			
1	Uput		A	Uv+ Gnd	Uv+ nc*			
1 2	U _{but} Gnd	nc* lue	A B C	Uv+	Uv+ nc*			
1 2	U _{put} Gnd Uye	nc* Lue Uv+	A B C	Uv+ Gnd U _{pd}	Uy+ nc* L _{int}			

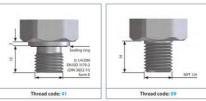


NPT 1/4



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
 PG2 (P050K)

 X=-61 rcm
 X=-61 rcm

 Order number: 007
 Order number: 010