SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0601161412013 0-10V, 0..16 bar, G1/4-E, EPDM, 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.

Specifications

Accuracy	±1% FS
Burst Pressure	60
Connection Thread	G1/4-E
Electrical connection	DIN EN 175301-803-A
IP Class	IP65
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, EPDM
Overpressure protection	40 bar
Pressure Range Max	16
Pressure Range Min	0

Pressure reference	Gauge
Pressure rise	1 bar/ms
Repeatability & Reproducibility	±0.1% FS
Response Time	2
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
Supply Voltage DC Min	11
Temperature ambient from	-30
Temperature ambient to	100
Temperature error	±0.04% FS/°C
Temperature range of media from	-30
Temperature range of media to	100
Weight	110
Vibration Resistance	20g: 42000 Hz sine wave, DIN EN 60068-2-6



DIN	EN 175301-	803-A	M 12 - D	IN EN 610	6-2-101 A	150	D 15170-A1	-4.1
-		м 2 2	2	0	L	Ì		
Pin	.0501	0602	Pin	0601	0602	Pin	0601	0603
1	Uve	Uve	1	Uv+	Uva	1	Uve	UV4
2	Gnd	lue .	2	Une	nc*	2	Gnd	nc*
3	Um	nc*	3	Gnd	Geo.	3.	Une	1 June
			4	nç#	nc*	- 4	nc*	nc*
	IP65	1		IP67			IP67, IP6K9	6
	mm without or mm with cou		3	x - 54 mm			x - 56 mm	1
Ord	ler number	r: 013	Ord	ler numbe	r; 002	Ord	er number	r: 004
AMP	P Supersea	11.5*	De	utsch DT0	4-3P			
Pn		0000	Pin	C.	0602			
1	Uppl	0002	A	0601 Uv+	Uv+			
2	Gnd		8	Gnd	OC*			
3	Uye	lue Uve	C C	Uma	- Inc			
4	1P67	0.64	-	1P67, IP6K9				
	x ~ 61 mm	i i		x = 61 mm	é 👘			
Ord	er number	: 007	Ord	ler numbe	n 010			

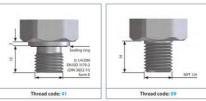


NPT 1/4



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