



SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0601401411010

0-10V, 0..40 bar, G1/4-E, NBR, Deutsch DT04-3P

- 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

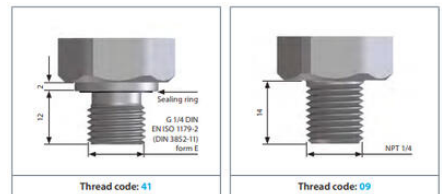
Accuracy	±1% FS
Burst pressure	140 bar
Connection	G1/4-E
Electrical connection	Deutsch DT04-3P
IP class	IP67, IP6K9K
Long term stability	±0.3% FS p.a.
Material of body	Stainless steel 1.4305
Material of wetted parts	Stainless steel 1.4305, Ceramic, NBR
Mechanical life expectancy	5 million cycles
Overpressure protection	100 bar
Pressure range max	40 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	-30 °C
Temperature of media to	100 °C
Weight	80 g
Vibration resistance	20g: 4..2000 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																																										
																																												
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DIN EN 175301-803-A		
Pin	0601	0602
1	Uv+	Uv+
2	Gnd	I _{out}
3	U _{out}	nc*
IP65		
x ~ 60 mm without coupler socket x ~ 77 mm with coupler socket		
Order number: 013		

AMP Superseal 1.5*		
Pin	0601	0602
1	U _{out}	nc*
2	Gnd	I _{out}
3	Uv+	Uv+
IP67		
x ~ 61 mm		
Order number: 007		

M 12 - DIN EN 61076-2-101 A		
Pin	0601	0602
1	Uv+	Uv+
2	U _{out}	nc*
3	Gnd	I _{out}
4	nc*	nc*
IP67		
x ~ 54 mm		
Order number: 002		

Deutsch DT04-3P		
Pin	0601	0602
A	Uv+	Uv+
B	Gnd	nc*
C	U _{out}	I _{out}
IP67, IP69K		
x ~ 61 mm		
Order number: 010		

ISO 15170-A1-4.1		
Pin	0601	0602
1	Uv+	Uv+
2	Gnd	nc*
3	U _{out}	I _{out}
4	nc*	nc*
IP67, IP69K		
x ~ 56 mm		
Order number: 004		

