



SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0601200411002

0-10V, 0..2 bar, G1/4-E, NBR, 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	8
IP Class	IP67
Lifespan Mechanical	5 million cycles
Long-Term Stability	±0.3% FS p.a.
Overpressure protection	4 bar
Pressure Range Max	2
Pressure Range Min	0
Pressure reference	Gauge
Pressure rise	1 bar/ms
Repeatability & Reproducibility	±0.1% FS
Response Time	2

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	80



DIN EN 175301-803-A		M 12 - DIN EN 61076-2-101 A		ISO 15170-A1-4.1	
Pin	0601 0602	Pin	0601 0602	Pin	0601 0602
1	U _{v+} U _{v+}	1	U _{v+} U _{v+}	1	U _{v+} U _{v+}
2	Gnd I _{ref}	2	U _{ref} nc*	2	Gnd nc*
3	U _{ref} nc*	3	Gnd I _{ref}	3	U _{ref} I _{ref}
		4	nc* nc*	4	nc* nc*
	IP65		IP67		IP67, IP69K
	x - 60 mm without coupler socket x - 77 mm with coupler socket		x - 54 mm		x - 56 mm
	Order number: 013		Order number: 002		Order number: 004
AMP Superseal 1.5*		Deutsch DT04-3P			
Pin	0601 0602	Pin	0601 0602		
1	U _{ref} nc*	A	U _{v+} U _{v+}		
2	Gnd I _{ref}	B	Gnd nc*		
3	U _{v+} U _{v+}	C	U _{ref} I _{ref}		
	IP67		IP67, IP69K		
	x - 61 mm		x - 61 mm		
	Order number: 007		Order number: 010		

