SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602102412007 4-20mA, 0..100 bar, G1/4-E, EPDM, AMP Superseal 1.5®

- 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.

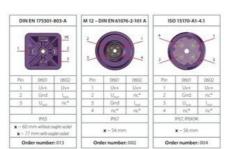
Common applications include mobile hydraulics and power packs.

Specifications

Accuracy	±1% FS
Burst Pressure	300
Connection Thread	G1/4-E
Electrical connection	AMP Superseal
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, EPDM
Overpressure protection	200 bar
Pressure Range Max	100
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	-30
Temperature range of media to	100
Weight	80
Vibration Resistance	20g: 42000 Hz sine wave, DIN EN 60068-2-6



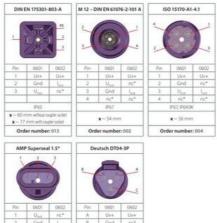


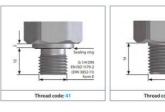




AMP Superseal 1.5*		De	utsch DTO		
Pin	0601	0602	Pin	0601	060
1	Uput	00*	A	Uv+	Llyv
2	Gnd	lose	- 8	Gnd	nc*
3	Uye	Uve	C	Uma	Link
	IP67			IP67, IP6K9	¢
	x ~ 61 mm	1		x – 63 mm	i.
Order number: 007		Order number: 010			









AMP Superseal 1.5*			De	utsch DT0-	4-3P	
Pin 1	0601 U _{bul}	0602 nc*	Pin A	0601 Uv+	0600 Uye	
2	Gnd	lac	- 8	Gnd	ric*	
3	Uye	Uve	C:	Ume	Line	
IP67		IP67, IP6K9K				
	x ~ 61 mm	1		x – 61 mm		
		Order number: 007		Order number: 010		