



SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602101413002

4-20mA, 0..10 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	35
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	20 bar
Pressure Range Max	10
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	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	-20
Temperature range of media to	125
Weight	80
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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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																								
																									
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