SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602401413002 4-20mA, 0..40 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.

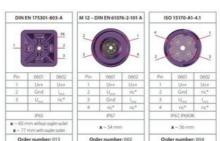
Common applications include mobile hydraulics and power packs.

TECHNICAL DATA

Accuracy	±1% FS		
Burst pressure	140 bar		
Connection	G1/4-E		
Electrical connection	M12x1 4-pole		
IP class	IP67		
Long term stability	±0.3% FS p.a.		
Material of body	Stainless steel 1.4305		
Material of body	Starriess steer 1.4505		
Material of wetted parts	Stainless steel 1.4305, Ceramic, FKM		
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Material of wetted parts	Stainless steel 1.4305, Ceramic, FKM		
Material of wetted parts Mechanical life expectancy	Stainless steel 1.4305, Ceramic, FKM 5 million cycles		
Material of wetted parts Mechanical life expectancy Overpressure protection	Stainless steel 1.4305, Ceramic, FKM 5 million cycles 100 bar		

Pressure reference	Gauge
Pressure rise	1 bar/ms
Repeatability	±0.1% FS
Response time	2 ms
Shock resistance	"500m / s²; 11 ms half sine wave; DIN EN 60068-2-27"
Signal type	4-20 mA
Supply voltage dc max	32 V DC
Supply voltage dc min	9,6 V DC
Temperature ambient from	-30 °C
Temperature ambient to	100 °C
Temperature error	±0.04% FS/°C
Temperature of media from	-20 °C
Temperature of media to	125 °C
Weight	80 g
Vibration resistance	20g: 42000 Hz sine wave, DIN EN 60068-2-6









AMP Superseal 1.5*		De	utsch DTO	4-3P	
Pin 1	0601 U _M	0602 nc*	Pin A	0601 Uv+	060. Uve
2	Gnd	lan	8	Gnd	nc*
3	Ulve	Uve	C	U _{me}	line
IP67		IP67, IP6K9K			
	x ~ 61 mm	1		x – 61 mm	1
Order number: 007		Order number: 010			