SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0601102413010 0-10V, 0..100 bar, G1/4-E, FKM, 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.

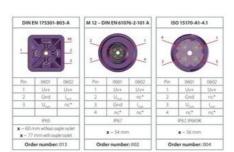
Common applications include mobile hydraulics and power packs.

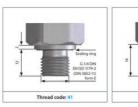
TECHNICAL DATA

Accuracy	±1% FS
Burst pressure	300 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, FKM
Mechanical life expectancy	Stainless steel 1.4305, Ceramic, FKM 5 million cycles
Mechanical life expectancy	5 million cycles
Mechanical life expectancy Overpressure protection	5 million cycles 200 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	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	-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*		Deutsch DT04-3P			
Pin	0601	0602	Pin A	0601 Uve	060 Uve
					_
2	Gnd	lose	8	Gnd	nc*
3	Uhre	Uve	C	Uma	line
IP67		IP67, IP6K9K			
x ~ 61 mm		x – 63 mm			
	Order number: 007		Order number: 010		