SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602200413013 4-20mA, 0..2 bar, G1/4-E, FKM, DIN

- 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.

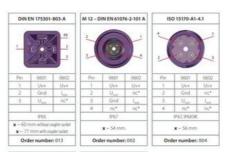
Common applications include mobile hydraulics and power packs.

TECHNICAL DATA

Accuracy±1% FSBurst pressure8 barConnectionG1/4-EElectrical connectionDIN EN 175301-803-AIP classIP65Long term stability±0.3% FS p.a.Material of bodyStainless steel 1.4305Material of wetted partsStainless steel 1.4305, Ceramic, FKM		
ConnectionG1/4-EElectrical connectionDIN EN 175301-803-AIP classIP65Long term stability±0.3% FS p.a.Material of bodyStainless steel 1.4305	Accuracy	±1% FS
Electrical connection DIN EN 175301-803-A IP class Long term stability ±0.3% FS p.a. Material of body Stainless steel 1.4305	Burst pressure	8 bar
IP classIP65Long term stability±0.3% FS p.a.Material of bodyStainless steel 1.4305	Connection	G1/4-E
Long term stability ±0.3% FS p.a. Material of body Stainless steel 1.4305	Electrical connection	DIN EN 175301-803-A
Material of body Stainless steel 1.4305	IP class	IP65
	Long term stability	±0.3% FS p.a.
Material of wetted parts Stainless steel 1.4305, Ceramic, FKM	Material of body	Stainless steel 1.4305
	Material of wetted parts	Stainless steel 1.4305, Ceramic, FKM
Mechanical life expectancy 5 million cycles	Mechanical life expectancy	5 million cycles
Overpressure protection 4 bar	Overpressure protection	4 bar
Pressure range max 2 bar	Pressure range max	2 bar
	Pressure range min	0 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	110 g
Vibration resistance	20g: 42000 Hz sine wave, DIN EN 60068-2-6









AMP Superseal 1.5*		Deutsch DT04-3P			
Pin 1	D601 U _{bat} Gnd	0602 nc*	Pin A 8	0601 Uv+ Gnd	060 Uve
3	Live	Uve	C	U _{me}	1
IP67		IP67, IP6K9K			
x ~ 61 mm		x – 63 mm			
Order number: 007		Order number: 010			