SUCO - 0601/0602 PRESSURE SENSOR

Performance series

0602102413007 4-20mA, 0..100 bar, G1/4-E, FKM, 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.

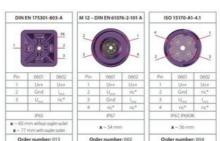
Common applications include mobile hydraulics and power packs.

TECHNICAL DATA

Accuracy	±1% FS			
Burst pressure	300 bar			
Connection	G1/4-E			
Electrical connection	AMP Superseal			
IP class	IP67			
Long term stability	±0.3% FS p.a.			
Material of body	Stainless steel 1.4305			
	Stainless steel 1.4305, Ceramic, FKM			
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			
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	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	Uve	Uve	C	U _{me}	line
IP67		IP67, IP6K9K			
	x ~ 61 mm	1		x – 61 mm	1
Order number: 007		Order number: 010			