

SUCO 0606 SERIES PRESSURE SENSOR

Compact Series

060660166B010
0 - 60 bar, G 3/8, Deutsch DT04-3P

- High IP protection up to IP6K9K
- Pressure ranges from vacuum to 5,000 bar
- Wide range of connectors and threads
- Protection against overload, overvoltage or short circuit
- Various interfaces (CAN, SAE J1938, SENT, RS-485)



PRODUCT DESCRIPTION

The economy 0606 pressure transmitters can offer a high wear resistance and withstand pressure cycling rates of 5,000 bar/s. Through accredited static and dynamic pressure cycling tests we also guarantee a service life of at least 10 million pulsations.

All materials in contact with the media consist of stainless steel in fully welded design and without any elastomeric sealing material. This ensures compatibility with almost all media applications. Due to the robust design

TECHNICAL DATA

Accuracy	± 0.5 % full scale (FS) at room temperature, ± 0.25 % BFSL
Adjustment range max	60 bar
Adjustment range min	0 bar
Burst pressure	600 bar
Connection	G3/8
Electrical connection	Deutsch DT04-3P
IP class	IP67, IP6K9K
Long term stability	± 0.2 % (<100 bar) / ± 0.1 % full scale (FS) per year
Material of body	Stainless steel 304L (1.4306)
Material of wetted parts	Stainless steel 630
Mechanical life expectancy	10,000,000 pulsations at rise rates to 5,000 bar/s
Operating temperature from	-40 °C
Operating temperature to	125 °C
Output signal	0.5 ... 4.5 V ratiometric (3-wire)
Overpressure protection	400

Pressure range max	60 bar
Pressure range min	0 bar
Process connection	G3/8
Repeatability	± 0.2 % (<100 bar) / ± 0.1 % full scale (FS)
Response time	1 ms
Signal type	0.5-4.5 V ratiometric
Supply voltage dc max	6.5 V DC
Supply voltage dc min	5 V DC
Vibration resistance	IEC 60068-2-6