SUCO - 0705/0710/0720 PRESSURE SENSOR

High performance series

070510141B001
0.5-4.5V, 0..10 bar, G1/4-E, DIN



- Measuring range up to 600 bar
- Silicon-on-sapphire sensor
- Outstanding overpressure protection
- Outstanding repeatability

PRODUCT DESCRIPTION

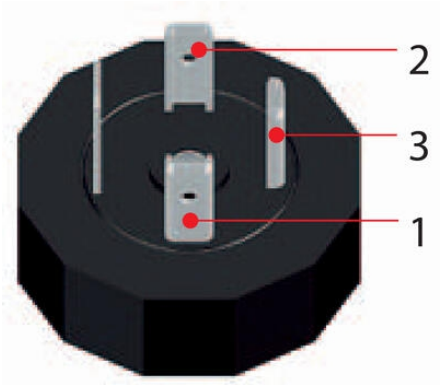
The SUCO 0705/0710/0720 high performance series pressure sensor is an advanced pressure monitoring solution with unrivalled attributes. Offering ten standard pressure ranges with options of six different electrical connectors a thread of G1/4 (eight available in total) and 0.5-4.5 V ratiomateric, 0-10V or 4-20mA outputs. The 07 series uses silicon-on-sapphire technology in a titanium all welded design offering outstanding overpressure protection, media compatibility and the highest repeatability.

Common applications include mobile hydraulics, off-shore/marine, high pressure systems and more.

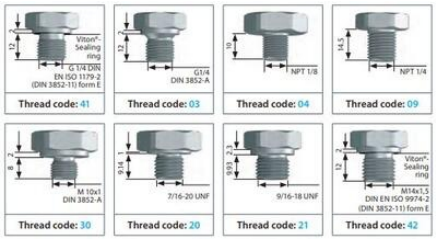
SPECIFICATIONS

Accuracy	±0.5% FS
Burst Pressure	80
IP Class	IP67
Long-Term Stability	±0.1% FS p.a.
Overpressure protection	40 bar
Pressure Range Max	10

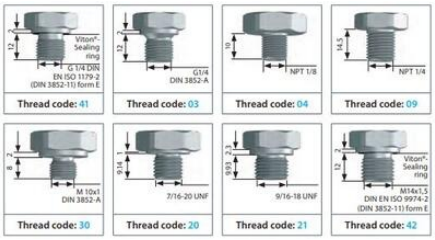
Pressure Range Min	0
Pressure reference	Gauge
Pressure rise	5 bar/ms
Repeatability & Reproducibility	±0.1% FS
Response Time	2
Supply Voltage DC Max	6.5
Supply Voltage DC Min	5
Temperature ambient from	-40
Temperature ambient to	100
Temperature error	±0.01% FS/°C
Temperature range of media from	-40
Temperature range of media to	125
Weight	80











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