

OEM Automatic Ltd

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SUCO - 0705/0710/0720 PRESSURE SENSOR

High performance series

072060141B010 4-20mA, 0..60 bar, G1/4-E, Deutsch DT04-3P

- 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.

TECHNICAL DATA

Accuracy

Connection G1. Clectrical connection Declars IP6 Class IP6 ong term stability ±0. Ilaterial of body Sta Ilaterial of wetted parts Sta Overpressure protection 240 ressure range max 60	0 bar I/4-E Putsch DT04-3P 67, IP6K9K .1% FS p.a. painless steel 1.4305 painless steel 1.4305, Titanium 0 bar bar
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Pressure range max Sta	ainless steel 1.4305, Titanium 0 bar bar
Pressure range max 60	0 bar
Pressure range max 60	bar
	nar
ressure range min 0 b	JCII
ressure reference Ga	auge
ressure rise 5 b	par/ms
Repeatability ±0.	.1% FS
desponse time 2 m	ns
hock resistance 500	0m / s²; 11 ms half sine wave; DIN EN 60068-2-27
ignal type 4-2	20 mA
supply voltage dc max 32	V DC
supply voltage dc min 10	V DC
emperature ambient from -40	D °C
emperature ambient to 100	0 °C
emperature error ±0.	.01% FS/°C
emperature of media from -40	D °C
emperature of media to 125	5 °C
Veight 80	g
ibration resistance 20g	g: 42000 Hz sine wave, DIN EN 60068-2-6







