ESI - PR3200 - DIFFERENTIAL PRESSURE SENSOR

PR3200-00.5AR
4-20mA, 0..500 mbar, G1/4, DIN



- Silicon-on-sapphire sensor technology
- Wide range of pressure ranges from ultra-low to 200barDP
- wet/wet OR dry/dry OPERATION
- Durable designs for industrial and commercial installations

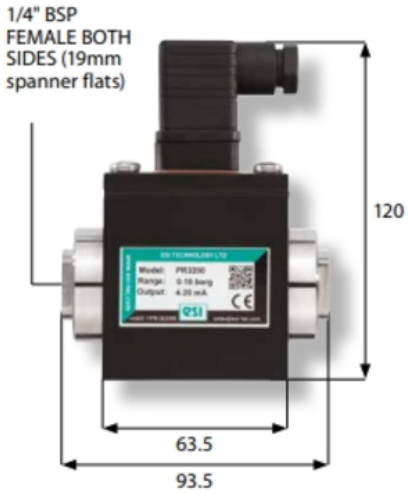
PRODUCT DESCRIPTION

The PR3200 differential pressure transmitter has two titanium alloy Silicon-on-Sapphire sensors, this offers a high performance with the true wet/wet operation. This is suitable for all liquids and gases compatible with stainless steel and titanium. Applications for this range include flow measurement for orifice plates and mass flow meters, plus static differential pressure measurement and control in combustion chambers. They can also be used for condition monitoring and filter monitoring in high pressure hydraulic systems or for any other application on liquid or gas requiring dependable differential pressure measurement.

There are optional ATEX and IECEx approved versions of the PR3200 available for explosion protection for flammable gases (zone0), dusts (zone 20) and mining areas (group I M1).

SPECIFICATIONS

Ambient temperature	-20..85°C
Approvals	CE, IEC
EMC	EN61000-6-4, EN61000-6-2
Linearity	≤±0.3% BSFL
Media temperature	-20..85°C
Overpressure protection	0.75 bar
Pressure Range Max	0.5
Pressure Range Min	0
Pressure reference	Differential
Sensor technology	Silicon-on-Sapphire
Storage temperature	5..40°C
Supply voltage	10-36 V DC


1/4" BSP
FEMALE BOTH
SIDES (19mm
spanner flats)
120
63.5
93.5