ESI - PR3100 - INDUSTRIAL PRESSURE SENSOR

PR3100-0010AB
4-20mA, 0..10 bar, G1/4, DIN



- Suitable for the majority of industrial applications
- Reliable pressure measurement
- Long service life
- All stainless steel construction

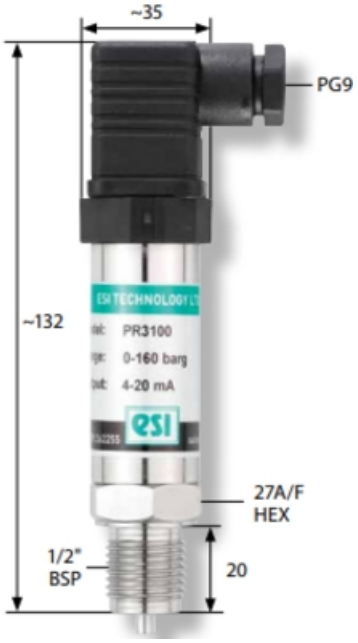
PRODUCT DESCRIPTION

The PR3100 is constructed from stainless steel which incorporates thick film, ceramic and bonded strain gauge technology. This offers excellent stability and accuracy over a long service life. On request this is also available in corrosion resistant materials. The available pressure range options are from 0-1Bar to 0-600Bar.

There are optional ATEX and IECEx approved versions of the PR3100 available for Explosion protection for flammable gases (zone0), dusts (zone 20) and mining areas (group I M1).

SPECIFICATIONS

Ambient temperature	-20..85°C
EMC	EN61000-6-4, EN61000-6-2
Linearity	≤±0.3% BSFL
Media temperature	-20..85°C
Overpressure protection	20 bar
Pressure Range Max	10
Pressure Range Min	0
Pressure reference	Gauge or Absolute
Sensor technology	Thick film or Bonded foil strain gauge
Storage temperature	5..40°C
Supply voltage	13-36 V DC


~35
PG9
~132
PR3100
0-160 barg
4-20 mA
esi
27A/F
HEX
1/2"
BSP
20