ESI - PR3900 - HAZARDOUS AREA PRESSURE SENSOR

PR3900-0010AB
4-20mA, 0..10 bar, G1/4, 1M submersible cable



- ATEX and IECEx certified
- Designed for operation in zone 0, zone 20 and M1 mining
- Wide choice of low and high pressure ranges
- NACE corrosion resistant materials

PRODUCT DESCRIPTION

The PR3900 gives a steady and exact intrinsically safe two wire output signal of 4-20mA. Pressure ranges available from 0-10 bar to 0-1,500 bar. The unique silicon-on-sapphire sensor gives a remarkable performance, stability and precision over a wide temperature range and gives superb chemical compatibility. Electrical connection is via a solid and sturdy polyurethane cable with integral vent tube for effective gauge venting to atmosphere, various process connections are available. Applications include any above ground explosive/hazardous environment installations, oil and gas industries and volatile chemical processing and storage.

SPECIFICATIONS

Ambient temperature	-20..85°C
Approvals	CE, DNV, IEC
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
Sensor technology	Silicon-on-Sapphire
Storage temperature	5..40°C
Supply voltage	10-36 V DC


1/2"NPT
Ø30
~111
15
7/8" A/F
HEX