DYNOTEK
FLUID DATA MANAGEMENT

SLIMLINE

Submersible Pressure Transducer

PRODUCT FEATURES

- Excellent stability
- +/- 0.25% accuracy FS
- High integrity and reliability
- Fully welded 316 stainless titanium available
- Output: 2-wire, 4-20 mA
- Standard 3-year workmanship warranty

The Dynotek Slimline Submersible Pressure Transducer is a highly reliable and accurate unit designed for long-term submersion in water wells, coal bed methane wells, reservoirs and other deep water applications. It is a sealed gauge configuration, giving maximum protection from water intrusion for long life. Unlike vented gauge configuration, the Slimline is hermetically sealed, with no open air path to introduce moisture into the delicate electronics of the sensor. Slimline is only 0.725 inches in diameter, making it easy to insert into sounding tubes, an access hole in a pump base, or into 1 1/4" diameter stilling well tubing. If the sensor fails due to workmanship while under the three-year warranty, a new sensor will be provided and connected to the customer's cable at no charge excluding freight.

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PRODUCT SPECIFICATIONS

DIMENSIONS
- Length: 8.2 in.
- Outside diamter: 0.725 in.

PRESSURE RANGE - STANDARD
- 30, 50, 75, 100, 150, 200, 300, 350, 400, 500, 750, and 1000

OVERPRESSURE
- 2 x full scale

PRESSURE CONTAINMENT
- 4 x full scale up to 2000 psi max

MATERIAL
- stainless steel 316 standard, titanium available

EXCITATION VOLTAGE
- 9 to 30V DC

OUTPUT
- 4 mA at 12.7 psia
- 20 mA at full scale

ACCURACY (NLHR)
- +/- 0.2% full scale NLHR

REPEATABILITY
- +/- .05% full scale or better

ZERO OFFSET
- Included in Accuracy

SPAN SETTING
- Included in Accuracy

OPERATING TEMPERATURE RANGE
- -5° F to +140° F

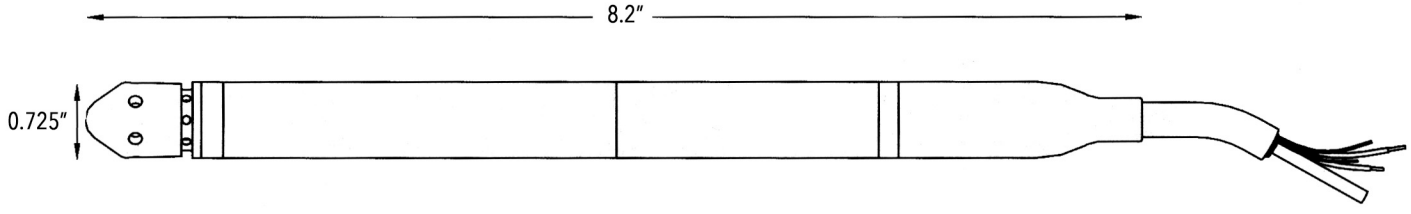
COMPENSATED TEMPERATURE RANGE
- 25° F to 125° F

RFI/EMC CERTIFICATION
- CE approved

VOLTAGE SPIKE PROTECTION
- Units will withstand a 600V voltage spike in accordance with BS EN 61000-4-5; 1995 without damage when applied between all excitation lines and case

CABLE
- Standard
  0.305 in. diameter, with 2 conductors, shield, drain, 0.30 in. TPE alloy jacket and Kevlar 130 lb. min. tensile strength member
- Extra Duty
  Double braid stainless steel wire; .1875 in. diameter with 4 conductors and 1600 lb. breaking strength

WARRANTY
- 3 years on sensor performance excluding abuse or physical damage



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