DYNOTEK
FLUID DATA MANAGEMENT

SLIMLINE

Submersible Pressure Transducer

PRODUCT FEATURES

- Excellent stability
- 0.2% FS for STS sensors
- High integrity and reliability
- Fully welded 316 stainless or titanium with one-year corrosion warranty
- Output: 2-wire, 4-20 mA
- Standard TPE alloy or Extra Duty stainless steel cable
- 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 0.69 inches in diameter, making it easy to insert into sounding tubes, an access hole in a pump base, or into one-inch diameter stilling well tubing. Slimline is also repairable. If the cable is compromised during use, the sensor generally can be reconnected to the new cable. 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.

Jim Butler
jim@dynotekonline.com • 303-947-4202 cell

Troy Russell
troy@dynotekonline.com • 720-619-6762 cell

www.dynotekonline.com

PRODUCT SPECIFICATIONS

DIMENSIONS
- Length: 7.1 in.
- Outside diamter: 0.69 in.

PRESSURE RANGE - STANDARD
- 30, 50, 100, 200, 350, 500, 700, and 1000 psi sealed guage (based on guage pressure 12.7 psi absolute)

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

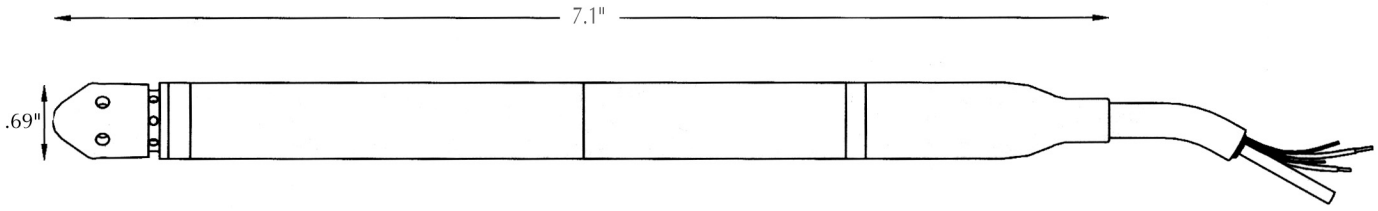
COMPENSATED TEMPERATURE RANGE
- 25° F to 125° F

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 poly, 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



Dynotek LLC
dynotekonline.com
Fax: 720-479-8980 or 303-420-0106
Phone: 303-947-4202 or 303-619-6762