DYNOTEK
FLUID DATA MANAGEMENT

SLIMLINE G

Submersible Pressure Transducer with Vent Tube

PRODUCT FEATURES

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

The Dynotek Slimline "G" Submersible Pressure Transducer is a highly reliable and accurate unit designed for long-term submersion in water wells, tanks, cisterns, and flumes. It is a vented gauge configuration, giving immunity from pressure variations due to altitude and atmospheric changes which are read through a vent. tube. Slimline is only 0.725 inches in diameter, making it easy to insert into a sounding tube, an access hole in a pump base, or into 1 1/4" diameter stilling well tubing. Surface mount electronics with the 316 stainless steel or optional titanium body enables minimum sensor size with improved reliablity. The vented signalcable results in a depth and level sensor with the highest integrity at low cost. 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
- 5, 10, 15, 20, 30 and 50 psi gauge

OVERPRESSURE
- 4 x full scale

PRESSURE CONTAINMENT
- 6 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 0 psig
- 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

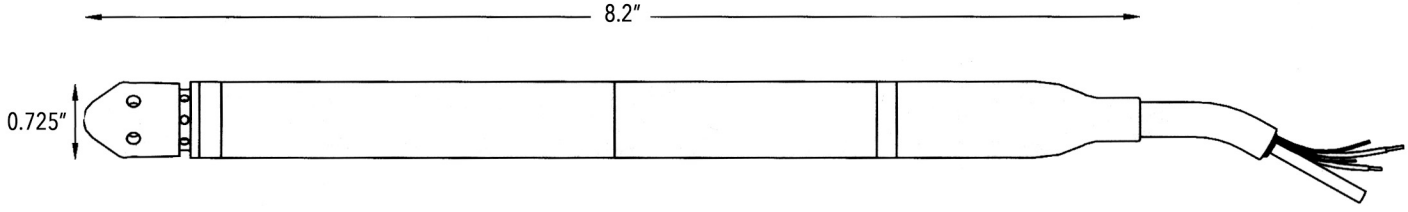
COMPENSATED TEMPERATURE RANGE
- 25° F to 125° F

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
- Vented Poly
  0.305 in. diameter with 2 conductors, shield, drain, vent tube, 0.30 in. alloy jacket and Kevlar 130 lb. min. tensile strength member

WARRANTY
- 3-year on sensor excluding abuse or physical damage



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