DYNOTEK
FLUID DATA MANAGEMENT

SLIMLINE G

Submersible Pressure Transducer with Vent Tube

PRODUCT FEATURES

- Excellent stability
- +/- 0.2% FS
- High integrity and reliability
- Fully welded 316 stainless or titanium with one-year corrosion warranty
- Output: 2-wire, 4-20 mA
- Standard TPE alloy vented 2 conductor cable with Kevlar strength member
- 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 being read through a vent tube. Slimline is only 0.69 inches in diameter, making it easy to insert into a sounding tube, an access hole in a pump base, or into one-inch diameter stilling well tubing. Surface mount electronics with the 316 stainless steel or optional titanium body tube assembly enables minimum sensor size with improved reliablity. The vented electric cable results in a depth and level sensor with the highest integrity at low cost.

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PRODUCT SPECIFICATIONS

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

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

ZERO OFFSET
- Included in Accuracy

SPAN SETTING
- Included in Accuracy

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

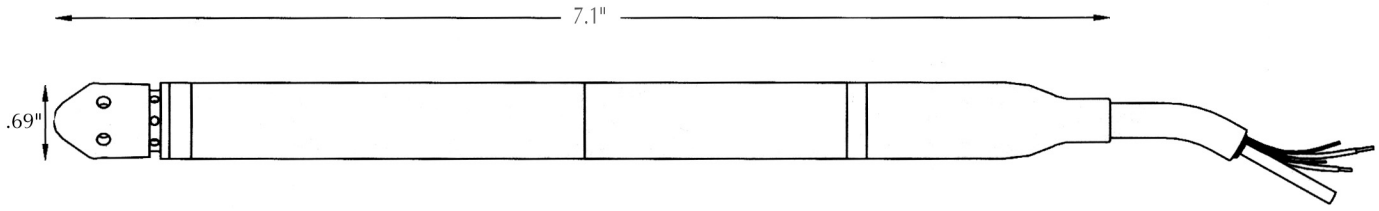
COMPENSATED TEMPERATURE RANGE
- 25° F to 125° F

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 Poly
  0.305 in. diamter 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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