DYNOTEK
FLUID DATA MANAGEMENT

SLIMLINE FP

PRODUCT FEATURES

- Freeze-proof applications
- Open-face, clog free ceramic diaphragm
- 0.1% / 0.25% accuracy
- 10" WC to 150 psi ranges
- 316L SS or Titanium body
- 4-20mA, 2 wire output
- CE approval

The Dynotek Slimline FP submersible level transmitters are specifically designed for use in shallow groundwater, reservoir tank, flume, wastewater and pump / lift station applications where freezing conditions are possible. The ceramic sensing element provides a rugged flush open-face design which avoids clogging or sludge build-up from materials often encountered in wastewater. The stainless steel construction will satisfy most applications. Where chemical environments dictate, an option of titanium is available. The standard polyethylene vented cable is molded to the transmitter, providing the highest integrity waterproof assembly. FEP cable and PUR is available as an alternate for harsh environments. A feature of the Slimline FP is full scale ranges as low as 10" WC.

ceramic diaphragm

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PRODUCT SPECIFICATIONS

FULL SCALE RANGES (ZERO BASED)

- 0-10, 20, 30, 50 inches of WC
- 0-1, 5, 10, 15, 30, 50, 100 psig
  Other ranges and pressure units can be specified

ACCURACY

- +/- 0.1% FS (BSL) or +/- 0.25% FS (BSL)
  Combined non-linearity, hysteresis and repeatability

OVERPRESSURE

- For full scale ranges up to 20 psi - 10X
- Above 20 to 150 psi - 4X

OPERATING TEMPERAURE RANGE

- -10° to +175° F (-20° to 80° C)

COMPENSATED TEMPERATURE RANGE

- 30° to 85° F (-2° to +30° C) – Standard
- 30° to 180° F (-2° to +80° C) – Optional*

TEMPERATURE EFFECTS (COMPENSATED)

- High accuracy (+/- 0.1)
- +/- 0.3% TEB for ranges 5 psi and above
- +/- 1.0% Standard accuracy (+/- 0.2%)
- Standard accuracy (+/- 0.25%)
- +/- 1.5% TEB for ranges 5 psi and above
- +/0 2.0% TEB for ranges below 5 psi
- **+/- 2.0% TEB for all ranges with extended temp. option*

ELECTRICAL

- 2-wire, 4-20mA, 10-35 VDC power

INTRINSICALLY SAFE APPROVALS

- Available with FM Intrinsically Safe Certification for use in Class I, II, and III, Division 1, Groups A, B, C, D, E, F, and G hazardous locations
  Note: FMC approval is included for Canadian requirements

CABLE

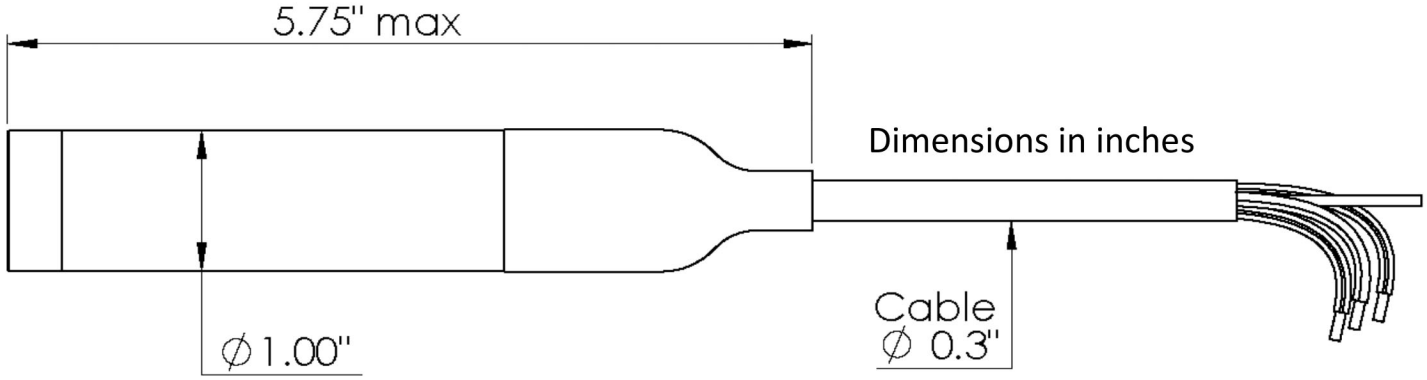
- .31 inch diameter 18 AWG two conductor shielded, Kevlar strength member, PE jacket

HOUSING

- 316L Stanless Steel or Titanium with 5-year corrosion warranty

WEIGHT

- 7.6 oz. (excluding cable)



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