



DIMENSIONAL

Enclosure: 9.5" W. x 7.5" L. x 5" D.

Enclosure Type: Fiberglass - NEMA 4 Rated.

Principle of Operation: Hydrostatic Pressure.

MODELS

5700-10-PT1: Self-purging (timer controlled) via built-in micro-pump.

5700-2-PT1: Compressed air source required, 30-40 PSI of clean, dry air (instrument quality). Purge Rate 0.1-0.2 SCFH.

5700-6-PTI: Hand pump operated.

ELECTRICAL

Power In: Approximately 13.8 VDC in via 120 VAC to 9 VDC linear adapter (supplied).

Pressure Transducer Operating Voltage: 5 VDC.

Features: 95dB piezo/strobe horn, push button silencer, isolated contacts for pilot control (rated load 0.5 A at 125 VAC, 2 A at 30 VDC, 0.25 A at 125 VAC, 1 A at 30 VDC), push button reset and LED indicator, readout MODE toggle switch.

PRESSURE TRANSDUCERS

Type: Gauge, non-differential.

Material: Board mounted epoxy or Stainless Steel for units with 4-20 mA outputs.

Available Ranges: Max 3.60 PSI, 7.25 PSI, 14.5 PSI.

Reading Resolution: 1:200 (discreet data counts per tank height).

Accuracy: 2.5% Max. 0° - 85° C.

Response Time: 1.0 ms.

ADDITIONAL INFORMATION

Sensing Element: Conventional air bell type (hydrostatic pressure).

Field Adjustability: User adjustable ZERO and GAIN parameters (tank height and volume data factory programmed).

Level Alarm Capabilities: Factory preset HIGH, HI-HI and LOW levels via built-in, silenceable piezo/strobe. Alarm driven isolated contact actuation common for HIGH, HI-HI and LOW levels (non-discreet). User adjustable contact reset feature, automatic or manual via reset button (HIGH and LOW levels only).

AVAILABLE OPTIONS

4-20 mA circuitry for interfacing with remote devices.

Built-in temperature controlled enclosures for outdoor installations.

Wi-Fi capabilities for cloud-based data accessibility via any browser enabled internet device (subscription charges apply).



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MODEL 5700
DIGITAL TANK GAUGES
TECHNICAL SUBMITTAL DATA

5700-S
01-13-18