



USB OUTPUT PRESSURE TRANSDUCER

MODEL 611 / 612

FEATURES:

- USB 1.0 and 2.0 compatible output
- Ranges from 0 to 1 thru 100K PSI (6,895 BAR)
- Improved accuracy to $\pm 0.05\%$ FSO
- Field configurable
- Multi-drop compatible
- Added functionality with Digi-Stand™ software

APPLICATIONS:

- Portable test stands
- Laboratory research
- Hydrostatic test stands
- Calibration stands

PRODUCT OVERVIEW:

The Model 611/612 from GP:50 is a USB output pressure transducer. This model features an intuitive and user-friendly interface that allows for field configuration. For customer convenience, an easy-to-use data acquisition and analysis software is available and fully compatible with any Windows-based terminal program.

FIELD OPTIONS:

- Adjustable response time (1 Hz to 500 Hz)
- Adjustable baud rate
- Two-point auto recalibration feature
- Adjustable station numbers
- Optional continuous output streaming
- Field re-zero function
- Digital shunt calibration
- Free downloadable Digi-Stand™ software



611 / 612
USB Output Pressure Transducer

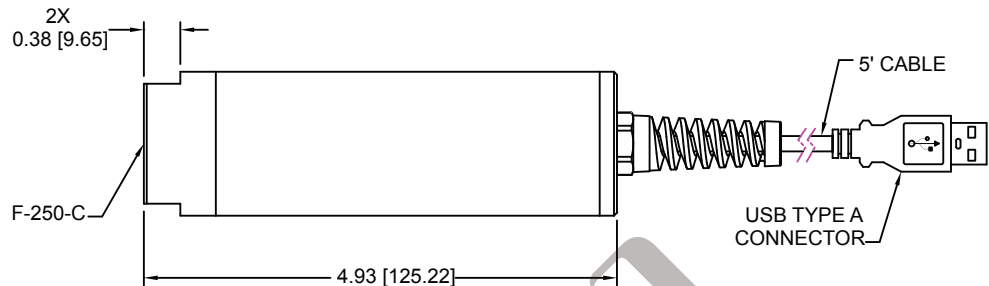
GP:50 MODEL 611 / 612

DIMENSIONAL DRAWING

All dimensions are in inches (mm)

STANDARD WIRING

WIRE	MODEL 611/612
RED	VCC
WHT	USBDM
GRN	USBDP
BLK	CASE GND
SIL	SHIELD



REFERENCE SPECIFICATIONS

ELECTRICAL <ul style="list-style-type: none"> • Excitation voltage: 4.5 to 5.25 Vdc (from USB port) • Output signal: Pressure and temperature (Includes mV sensor output) • Current draw: 70 mA • Resolution: 18 Bit USB 2.0 and below compatible • Internal Measuring Rate: 4.8 KHz • Connection: USB Output 	MECHANICAL <ul style="list-style-type: none"> • Standard 5 ft. (1.5 M) USB Type A connector 15 ft. (4.6 m) max. Type B connector available (Refer to applicable Model 311 & 312 series datasheet)
MATERIALS OF CONSTRUCTION <ul style="list-style-type: none"> • Wetted Parts: (0 to 100 thru 0 to 60K PSIG) (7 thru 4,137 BAR) 316 & 17-4 PH stainless steel (0 to 61K thru 0 to 150K PSIG) (4,206 thru 10,342 BAR) Vascomax 300 • Housing: 316 stainless steel 	PRESSURE RANGES <ul style="list-style-type: none"> • (Model 611) 0 to 100 thru 0 to 15K PSIG (7 thru 1,034 BAR) • (Model 612) 0 to 15 thru 0 to 150K PSIG (1 thru 10,342 BAR)
STATIC ACCURACY (HYSTERESIS, NON-LINEARITY & REPEATABILITY @ +70 °F) ±0.5 % FSO; ±0.2% FSO; ±0.1 % FSO; ±0.05 % FSO	THERMAL SPECIFICATIONS <ul style="list-style-type: none"> • ±1.0 % FSO shift from 32 °F to +185 °F (0 °C to +85 °C) • Improved thermal compensation: ±0.25% FSO/100 °F
	FORMATS * Absolute, Gauge, Sealed Gauge, Vacuum

All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact GP:50 for assistance with your application.