



## T-VER-PXU-L Sensor

### Differential Air Pressure Transducer Sensor

The T-VER-PXU-L is a differential air pressure transducer that utilizes a highly accurate and stable sensor, which is microprocessor profiled for improved accuracy and reliability. The stability, accuracy, and ease-of-use characteristics of the PX models make them the ideal product for differential pressure monitoring applications.

Requires analog input option during RX3000 or U30 system configuration and use of a S-FS-CVIA when using the H22-001 data logger. When using a U12 data logger, this sensor requires an 0-5 Vdc analog input cable (CABLE-ADAP5) and external power provided by an AC adapter (AC-SENS-1).

#### Supported Measurements:

Differential Pressure

#### Key Advantages:

- User selectable units, uni- or bi-directional pressure ranges and analog output (mA or Vdc)
- LCD display
- Panel or duct mounting (probe included)
- High accuracy



## T-VER-PXU-L Sensor Specifications

**Measurement ranges:** selectable uni- or bidirectional 0.1, 0.25, 0.5, 1.0, 2.5, 5, 10 "W.C.; (selectable also in Pascal units)

**Accuracy:** +/- 1% full scale of selected range

**Sensor supply:** 12 - 30VDC or 24 VAC., 35 mA

**Medium:** dry air, inert gas

**Operating temperature range:** 0 to 600C (32 to 1400F)

**Humidity range:** 10 - 90% non-condensing

**Response time:** (selectable) Fast, 2 sec; Standard, 20 sec

**Output:** (selectable) 4 - 20mA or 0 -5VDC or 0 - 10VDC

**Dimensions:** 4.5x3.3x2.2 in (114x84x55 mm) - probe length 8.75 in. (22.23 cm)

**Weight:** 7.2 oz

**Display (L model only):** signed 3 1/2 digit LCD

**Case:** UL 94 V-O fire retardent ABS

**Proof pressure:** 3 psid (20.6kPa)

**Burst pressure:** 5 psid (34.5kPa)

**CE**