



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