



## T-VER-PX3UL Sensor

### Differential Air Pressure Transducer Sensor

The T-VER-PX3UL transducer can measure either air pressure or velocity with the flip of a switch. The PX3 is available in three installation configurations: duct, panel or universal. Duct and panel models have two pressure and velocity range options: 0-1" WC / 0-3,000 ft/min or 0-10" WC / 0-7,000 ft/min with seven field-selectable sub-ranges for pressure and eight for velocity. All variants are available with and without display. The PX3 has an IP65/NEMA 4 environmental rating.

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:

- Switch-selectable ranges and scales reduce setup time
- High reliability sensor technology for long-term maintenance-free operation
- Monitors positive and negative pressure for application versatility



## T-VER-PX3UL Sensor Specifications

- Media Compatibility Dry air or inert gas
- Input Power 12-30VDC, or 24VAC nominal
- Output Field-selectable: 2-wire, loop-powered 4-20mA (DC only, clipped and capped) or 3-wire 0-5V/0-10V
- Pressure Ranges: Unidirectional: 0.1/0.25/0.5/1.0" W.C. F.S. (25 pa/50 pa/100 pa/250 pa, F.S.), switch selectable; Bidirectional:  $\pm 0.1/\pm 0.25/\pm 0.5/\pm 1.0$ " W.C. F.S. ( $\pm 25$  pa/ $\pm 50$  pa/ $\pm 100$  pa/ $\pm 250$  pa, F.S.), switch selectable
- Response Time Standard: T95 in 20 sec, Fast: T95 in 2 sec, switch selectable
- Mode Unidirectional or bidirectional, switch selectable
- Display (option) Signed 3-1/2 digit LCD, indicates pressure, overrange indicator
- Proof Pressure 3 psid (20.6kPa)
- Burst Pressure 5 psid (34.5kPa)
- Accuracy  $\pm 1\%$  F.S. of selected range (combined linearity and hysteresis)
- Temperature Effect 1" 0.05%/°C; 10"
- Zero Drift (1-year) 1" 2.0% max.
- Zero Adjust Pushbutton auto-zero and digital input (2-pos terminal block)
- Operating Environment 0° - 60°C (32° to 140°F); 0 to 90% RH non-condensing
- Fittings Brass barb; 0.24" (6.1mm) o.d.
- Physical UL 94 V-O Fire Retardant ABS

## Contact Us

Sales (8am to 5pm ET, Monday through Friday)

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- ▶ Call 1-508-759-9500
- ▶ In U.S. toll free 1-800-564-4377
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Technical Support (8am to 8pm ET, Monday through Friday)

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