

T-VER-PX3UL

## Differential Air Pressure Transducer

Measures either air pressure or velocity with the flip of a switch.



### Supported Measurements

Differential Pressure

### Features

- 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

### Contact Us

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

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

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

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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## Differential Air Pressure Transducer (T-VER-PX3UL) 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: 0.1/0.25/0.5/1/2.5/5/10 in. WC, switch selectable
  - Bidirectional:  $\pm 0.1/\pm 0.25/\pm 0.5/\pm 1/\pm 2.5/\pm 5/\pm 10$  in. WC, switch selectable
  - Unidirectional: 25/50/100/250/500/1,000/2,500 Pa, switch selectable
  - Bidirectional:  $\pm 25/\pm 50/\pm 100/\pm 250/\pm 500/\pm 1,000/\pm 2,500$  Pa, switch selectable
- **Velocity Mode:**
  - 500/1000/2000/3000/4000/5000/6000/7000 ft/min
  - 2.5/5/10/15/20/25/30/35 m/s
- 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