



TD/TL Series

Differential Pressure Transducers

Description

The TD/TL Series differential pressure transducers are designed to provide accurate pressure measurement.

The TD/TL Series features:

- Field Selectable range adjustments
- Two-wire 4 to 20 mA output
- Loop-powered
- Spans ranging from -.25 to +.25" wcd up to 0 to 10" wcd

Specifications

General

Accuracy: +/-1% of span @ 77°F (25°C)

Linearity: +/-0.2% FSO

Repeatability: +/-0.05% FSO

Hysteresis: +/-0.025% FSO

Media compatibility: Non-ionic, non-corrosive gases

Environmental

Operating temperature: 32 to 122°F (0 to 50°C)

Operating humidity: 0 to 100% RH, non-condensing

Storage temperature: 14 to 176°F (-10 to 80°C)

Electrical

Supply voltage: 12 to 35 VDC

Input voltage effect: +/-0.001% of span/volt

Output: 4 to 20 mA DC, 2-wire

Polarity protection: Diode protected

Specifications subject to change without notice.

Ordering Information

Part No.	Description
TD1190	Differential pressure transducer, 0 to 1, 2, or 3" wcd
TD1191	Differential pressure transducer, 0 to 5, 6, or 10" wcd
TL1160	Differential pressure transducer, -0.25 to +0.25"wcd, +0.75"wcd or +1.75"wcd

Dimensions

Note: inches [mm]

TD/TL Series

