

Series 880

Two Wire: 4-20mA Pressure Transducer



Features & Applications

- Available in custom pressure ranges from 0/0.25"WC up to 0/15PSI
- Output stability of +/-0.5% FSO
- Perfect for a variety of applications such as duct static, VAV and fan control more
- Easy wiring via a pluggable screw terminal block
- Customizable pressure ranges and outputs
- Able to handle high overpressure
- Two-Wire; 4-20mA Output
- Reverse Voltage Protection

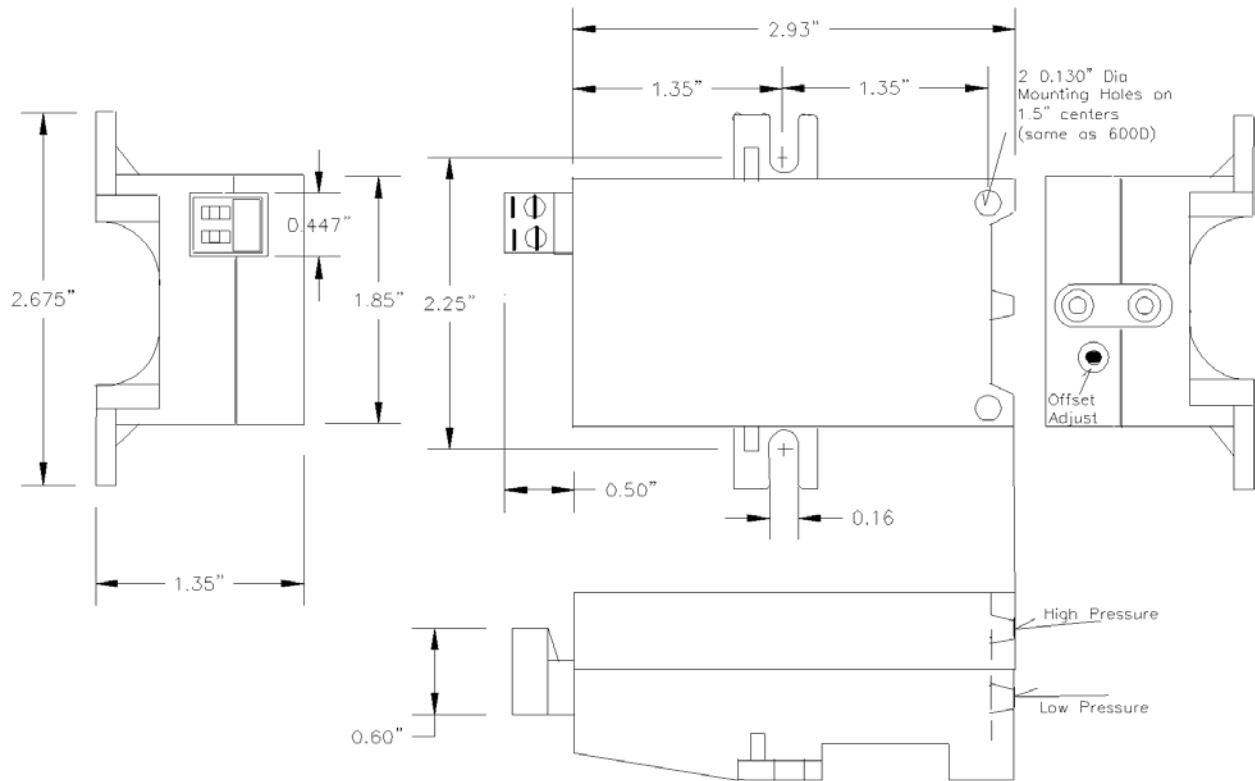
Specifications

Accuracy*:	+/-1% FSO
Stability:	+/-0.5% FSO/yr
Thermal Effects:	+/-0.075%/°C
Overpressure:	1-10"WC = 100"WC 11-20" WC = 10x rated pressure 21-30" WC = 5x rated pressure Over 30" WC = 45 PSI
FSO Pressure Range:	0/0.25"WC through 0/15PSI (bi-directional ranges available)
Compensated Range:	10° to 50°C
Media:	Non-corrosive, non-ionic gases
Operating Humidity:	90% RH non-condensing
Operating Temp:	-25° to 70°C
Input Supply:	14-36VDC loop voltage range (24VAC may be acceptable for certain applications)
Maximum Loop Resistance:	(Voltage Supply-14) x 50 Ω, maximum
Maximum Loop Resistance for >30VDC:	(Voltage Supply-30) x 40 Ω, minimum
Output Signal:	4-20mA; 2-wire
Electrical Connections:	Pluggable two-wire screw terminal block
Pressure Connections:	Barbed fitting for 1/8" ID tubing
Enclosure:	Impact resistant ABS plastic
Dimensions:	Approx. 3.5" x 2.7" x 1.4" (8.7cm x 6.8cm x 3.5cm)

* Includes non-linearity hysteresis and non-repeatability at a fixed temperature

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Physical Dimensions



How to Order

A typical order number consists of the **model number**, **type**, **output signal**, **pressure range** and **calibration pressure**.

<u>Model</u>	<u>Type</u>	<u>Output Signal</u>	<u>FSD Pressure Range</u>	<u>Calibration Pressure</u>
880	D = Differential or Gage*	4-20mA; two-wire	0.....0.25"WC to 5"WC 1.....>5"WC to 13" WC 2.....>0.5PSI to 1PSI 3.....>1PSI to 5PSI 4.....>5PSI to 15PSI	Customer designated exact FSD

* With a gage application, one of the two ports is vented to atmosphere