

Series 885

Two Wire: Pressure Transducer with Display



Features & Applications

- Easy to read display (0.38" height)
- Available in 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
- 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

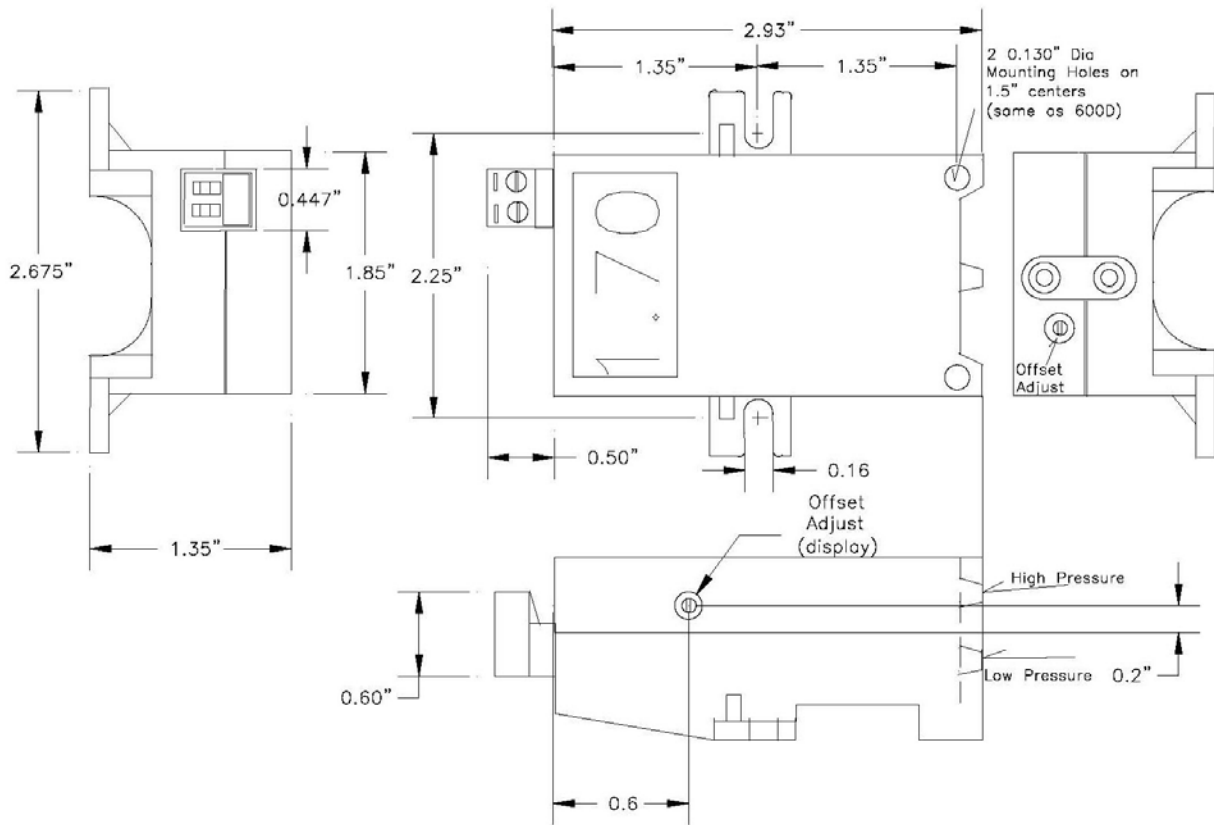
Specifications

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 up to 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

Note: Controller Sensors LLC reserves the right to make changes at any time to any products herein. Controller Sensors LLC does not assume any liability arising out of the application or use of any product described herein, neither does it convey any license under its patent rights nor the rights of others.

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>FSO Pressure Range</u>	<u>Calibration Pressure</u>
885	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 FSO

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