

Series 560

Wet-to-Wet Pressure Transducer



Features & Applications

- All wetted parts made of Series 300 stainless steel
- Provided in a rugged NEMA 4 enclosure
- Perfect for harsh applications such as chillers, boilers and refrigerant systems
- Available in both gauge and differential versions
- Customizable for any pressure range from 0/20PSI to 0/500PSI
- One of the most cost-effective wet-to-wet transducers on the market

Specifications

Accuracy*:	+/-0.5% FSO
Stability:	+/-0.5% FSO/yr
Thermal Effects:	+/-0.02% FSO/°C
Overpressure:	2 times FSP or 700PSI whichever is less
FSO Pressure Range:	0/20PSI up to 0/500PSI
Compensated Range:	10° to 50°C
Media:	Any media, wet or dry, compatible with series 300 stainless steel
Operating Humidity:	NEMA 4 levels with proper conduit connections
Operating Temp:	-25° to 70°C
Input Supply:	24VDC/24VAC
Supply Current:	< 35mA
Load Resistance:	2K minimum on voltage out, 700Ω, maximum loop resistance on 4-20mA output
Output Signal:	0-5VDC, 0-10VDC or 4-20mA
Adjustments:	Zero and Span. 10% of FSO minimum adjustment
Electrical Connections:	Internal screw terminals
Pressure Connections:	1/8" NPT Female
Enclosure:	NEMA 4 enclosure
Dimensions:	Approx. 5.12" x 3.70" x 2.25" (13.00cm x 9.40cm x 5.72cm)

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

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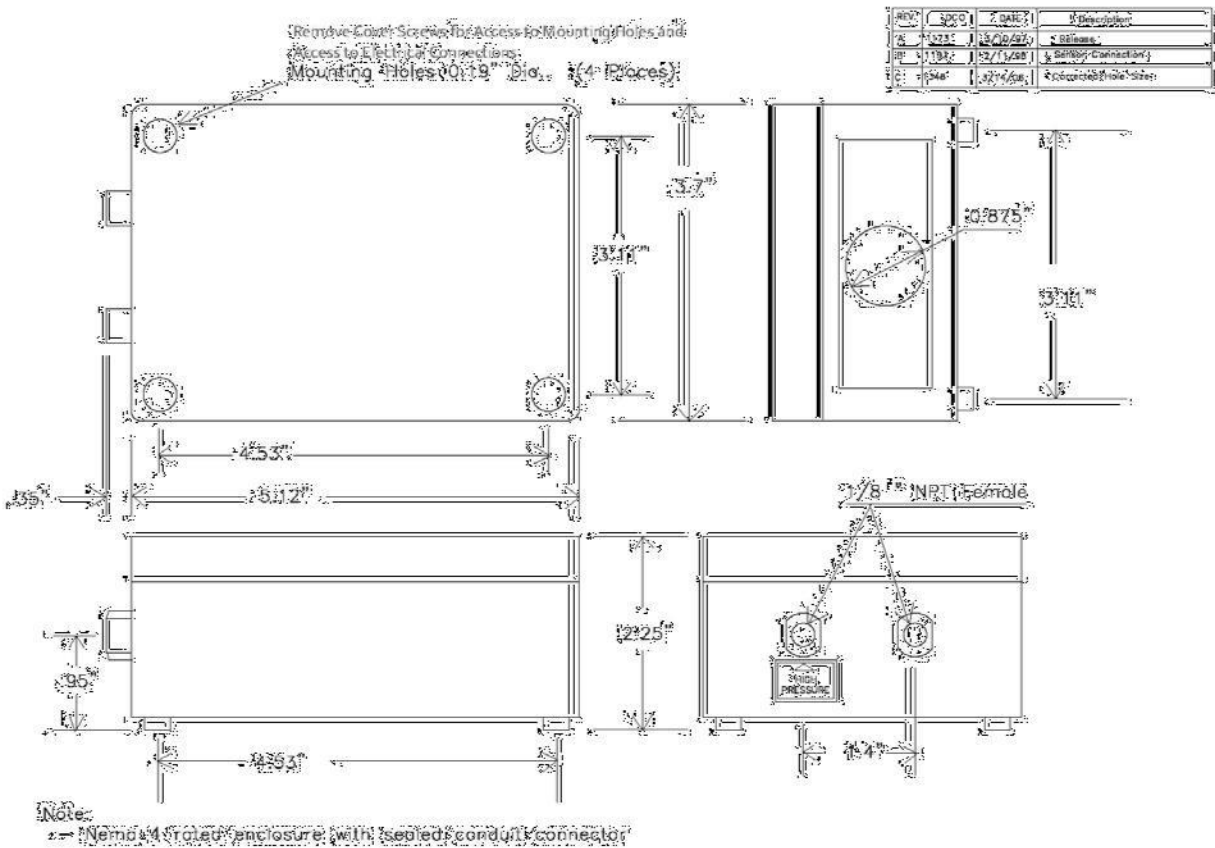


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Physical Drawing



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>
560	D = Differential or Gage	0-5VDC 0-10VDC 4-20mA	4..... 20PSI to 50PSI 6..... >50PSI to 100PSI 7..... >100PSI to 500PSI	Customer designated exact FSO

Example: 560D 4-20mA Cal Pressure = 0-30PSI (Model number 560, differential type unit, output signal of 4-20mA, pressure range up to 500PSI, calibrated to 0-30PSI FSO).

