

# PT Series

## PRESSURE TRANSMITTER



NEMA 4

### Description

Winters PT Series Pressure Transmitter is a light-weight stainless steel, compact unit, which is suitable for all hydraulic, pneumatic, level and industrial applications requiring a rugged, versatile and economical transmitter. It is weather resistant with a NEMA 4/IP65 rating and CE approved.

The PT Series is very accurate and available in all standard ranges including in/H<sub>2</sub>O and up to 10,000 psi. The PT Series is calibrated in psi but available in various other ranges including bar, kPa, etc.

The PT Series Transmitter can be customized to accommodate your application.

### Specifications

<b>Electrical Output Signal:</b>	4-20mA, 2 wire (0.5-4.5Vdc, 0.5-5.5 Vdc, 1-5 Vdc 3 wire) available
<b>Electrical Connection:</b>	Mini DIN 43650 style (4pin) connection includes mate (other options available)
<b>Excitation Voltage:</b>	8-36 Vdc
<b>Housing:</b>	316L stainless steel
<b>Wetted Parts/Connection:</b>	316L stainless steel 1/4" NPT male
<b>Proof Pressure:</b>	2X full scale
<b>Burst Pressure:</b>	5X full scale (Max. 30000 psi)
<b>Normal Operating Temperature Range:</b>	-40°F to 170°F (-40°C to 76°C)
<b>Compensated Temp. Range:</b>	-40°F to 170°F (-40°C to 76°C)
<b>Temp. Effect on Zero/Span:</b>	Less than ± 1.5% FSO per 100°F (37.7°C)
<b>Response Time:</b>	Less than and equal to 5 milliseconds
<b>Accuracy:</b>	± 0.25% FSO (±0.1% available)
<b>Long Term Stability:</b>	Less than ± 0.25 FS per annum
<b>Enclosure Rating:</b>	IP65 NEMA 4
<b>Weight:</b>	10 oz. (283g)

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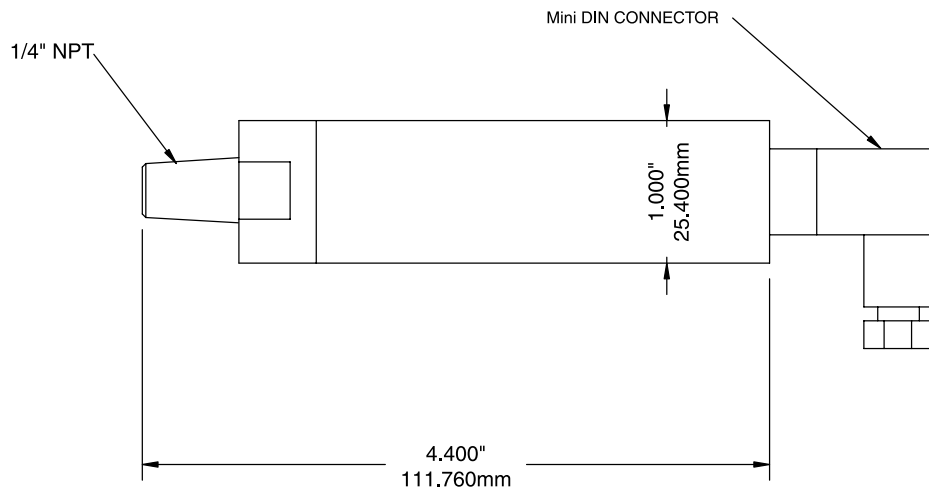
### How to order: Specify product code

Products shown in **BOLD** are normally in stock.

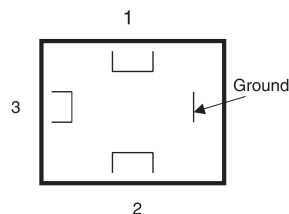
Range	Code	Range	Code
0-30" HgVAC	<b>PT30VC</b>	0-500 psi	<b>PT500</b>
0-5 psi	<b>PT5</b>	0-750 psi	<b>PT750</b>
0-10 psi	<b>PT10</b>	0-1000 psi	<b>PT1000</b>
0-15 psi	<b>PT15</b>	0-1500 psi	PT1500
0-25 psi	<b>PT25</b>	0-2000 psi	<b>PT2000</b>
0-50 psi	<b>PT50</b>	0-2500 psi	<b>PT2500</b>
0-100 psi	<b>PT100</b>	0-3000 psi	<b>PT3000</b>
0-150 psi	<b>PT150</b>	0-5000 psi	<b>PT5000</b>
0-200 psi	<b>PT200</b>	0-7500 psi	<b>PT7500</b>
0-300 psi	<b>PT300</b>	0-10000 psi	PT10000

### Option Suffix:

- 4WCABLE = 4 wire shielded data cable (per ft.)
- Other outputs & options available
- Other ranges (e.g. bar, etc.) available upon request
- 1/2" Conduit



Hirschman Mini-DIN Pin Out:



1.0 Connection type:

4-20mA output Supply Power: 8-36 Vdc

Pin	Colour Code	V	mA
1	N/A	+Excitation	+Excitation/Signal
2	N/A	-Excitation/Signal	-Excitation/Signal
3	N/A	+Signal	NC
Grnd.	N/A	Gnd	Gnd

Wire Lead	Colour Code	V	mA
1	Red	+Excitation	+Excitation/Signal
2	Black	-Excitation/Signal	-Excitation/Signal
3	Green	+Signal	NC
Grnd.	Shield	Gnd	Gnd