

# Amplified Output Industrial Pressure Transducers

## Series: PT-L1/L3/L10



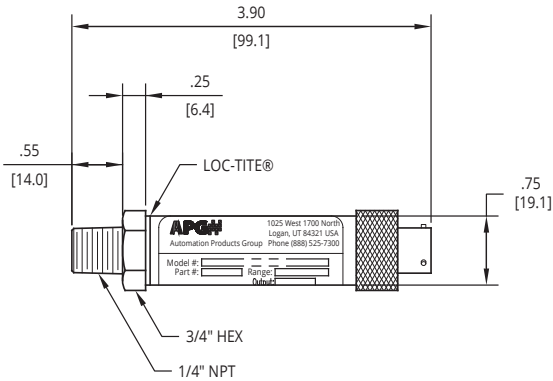
Our amplified output pressure transmitters are the economical answer for all applications requiring high accuracy and reliability over a wide range of pressures. The PT-L1/L3/L10 pressure transmitters offer ranges from vacuum to 10,000 psi, all stainless steel construction, high burst pressure, and high accuracy.

### Features

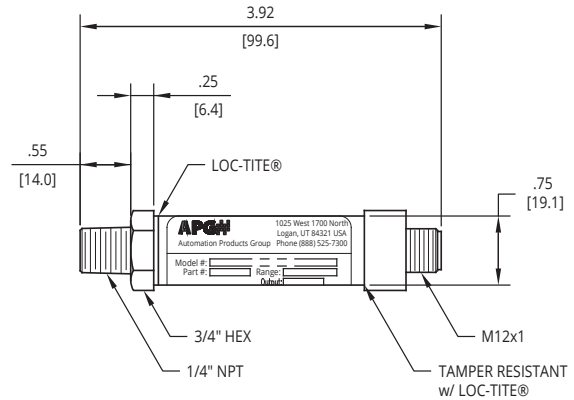
- Cost effective
- High overpressure capability
- Zero and span adjustments
- Single piece stainless steel process fitting and sensor



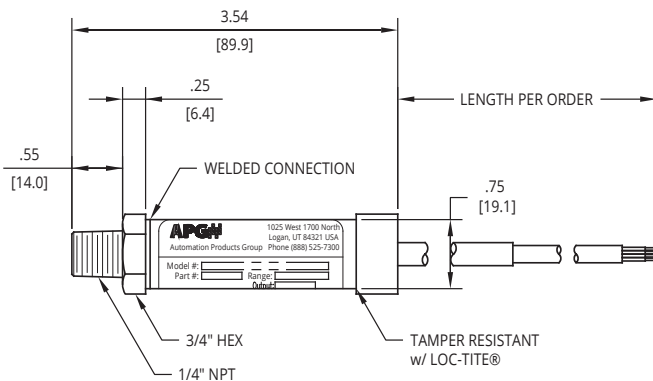
# PT-L1/L3/L10 Specifications



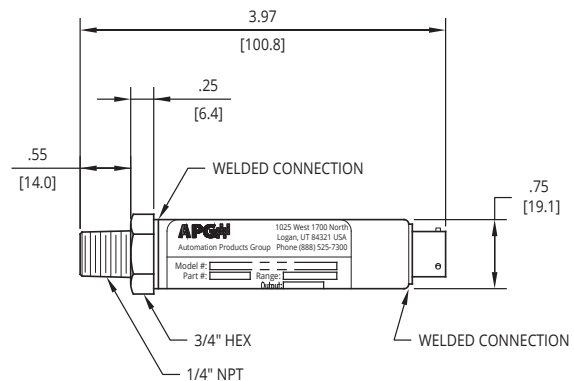
**K0, E3 - KNURLED NUT, 4-PIN BAYONET**  
4-PIN BAYONET w/ KNURLED NUT  
CAN - PROCESS CONNECTION w/ LOC-TITE®



**K1, E4 - TAMPER RESISTANT NUT, 4-PIN M12**  
EUROFAST M12 w/ TAMPER RESISTANT NUT & LOC-TITE®  
CAN - PROCESS CONNECTION w/ LOC-TITE®



**K2, E5 - TAMPER RESISTANT NUT, PIGTAIL**  
CABLE PIGTAIL w/ TAMPER RESISTANT NUT & LOC-TITE®  
CAN - PROCESS CONNECTION WELDED



**K3, E3 - WELDED 4-PIN BAYONET**  
4-PIN BAYONET, WELDED CONNECTION  
CAN - PROCESS CONNECTION WELDED

## Performance

- Accuracy  
B.F.S.L.  $\leq 0.25\%$  of full scale  
NIST up to  $\pm 0.1\%$  available on select ranges
- Temp Compensation Range:  
Up to  $0^\circ - 130^\circ\text{F}$  ( $-17^\circ - 54^\circ\text{C}$ )
- Extended Temp Compensation Ranges: (Optional)  
 $-40^\circ - 180^\circ\text{F}$  ( $-40^\circ - 82^\circ\text{C}$ )  
 $0^\circ - 185^\circ\text{F}$  ( $-17^\circ - 85^\circ\text{C}$ )

## Connectivity

- Output:  
4-20 mA  
0-5 VDC  
1-5 VDC  
1-6 VDC  
0-10 VDC
- Internet Connectivity:  
RST-5003 (4-20 mA version only)

## Electrical

- Supply Voltage:  
4-20 mA: 10 - 36 VDC  
0-5 VDC: 9 - 33 VDC  
1-5 VDC: 9 - 33 VDC  
1-6 VDC: 9 - 33 VDC  
0-10 VDC: 14 - 33 VDC
- Electrical Protection:  
Reverse polarity

## Physical

- Material: 15-5, 17-4, or 316L SS

## Programming

- Field Calibration:  
Zero and Span adjust

# Common Model Configurations

## 4-20 mA Output

Model Number	Model Description
PT-L1-C-15-PSIA-E5-5-P0-N0-M1-V0-K0-S0	<b>0-15 PSI, Absolute</b> Pressure Reference, 1/4" NPTM, 316L SS, 5 ft. cable
PT-L1-C-60-PSIA-E5-5-P0-N0-M1-V0-K0-S0	<b>0-60 PSI, Absolute</b> Pressure Reference, 1/4" NPTM, 316L SS, 5 ft. cable
PT-L1-C-5-PSIG-E5-5-P0-N0-M1-V0-K0-S0	<b>0-5 PSI, Gauge</b> Pressure Reference, 1/4" NPTM, 316L SS, 5 ft. cable
PT-L1-C-30-PSIG-E5-5-P0-N0-M1-V0-K0-S0	<b>0-30 PSI, Gauge</b> Pressure Reference, 1/4" NPTM, 316L SS, 5 ft. cable
PT-L1-C-100-PSIG-E5-5-P0-N0-M1-V0-K0-S0	<b>0-100 PSI, Gauge</b> Pressure Reference, 1/4" NPTM, 316L SS, 5 ft. cable
PT-L1-C-50-PSICG-E5-5-P0-N0-M1-V0-K0-S0	<b>0-50 PSI, Compound Gauge</b> Reference, 1/4" NPTM, 316L SS, 5 ft. cable
PT-L1-C-500-PSICG-E5-5-P0-N0-M1-V0-K0-S0	<b>0-500 PSI, Compound Gauge</b> Reference, 1/4" NPTM, 316L SS, 5 ft. cable
PT-L1-C-1000-PSIS-E5-5-P0-N0-M2-V0-K0-S0	<b>0-1,000 PSI, Sealed Gauge</b> Reference, 1/4" NPTM, 17-4 SS, 5 ft. cable
PT-L1-C-5000-PSIS-E5-5-P0-N0-M2-V0-K0-S0	<b>0-5,000 PSI, Sealed Gauge</b> Reference, 1/4" NPTM, 17-4 SS, 5 ft. cable
PT-L1-C-10000-PSIS-E5-5-P0-N0-M2-V0-K0-S0	<b>0-10,000 PSI, Sealed Gauge</b> Reference, 1/4" NPTM, 17-4 SS, 5 ft. cable

## Accessories

Please order separately, by part number.

Description	Part Number
4-pin bayonet mating connector (E3)	509010*
4-pin female (M12) mating connector (E4) **Specify X as 2 or 5 m cable	135407-000X
6-pin circular mating connector (E1)	509110*
6-pin bayonet mating connector (E17)	509165*

\*To order a connector with cable you will need to specify the operation and cable length by adding "00XX" to the part number (XX=cable length).

- Specify cable: 2, 5, 10, 25 or 50 ft

Example: 509010-0025 = 4-pin bayonet mating connector (E3) with 25 feet of cable

