

PT-L1-L3-L10



Flexible by Design

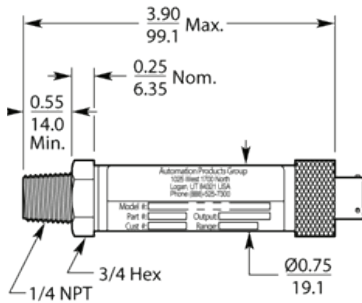
Our amplified output pressure transmitters are the economical answer for all applications requiring high accuracy and reliability over a wide range of pressures. The PT-L1/L3/L10 pressure transmitters offer ranges from vacuum to 10,000 psi, all stainless steel construction, high burst pressure, and high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

Features

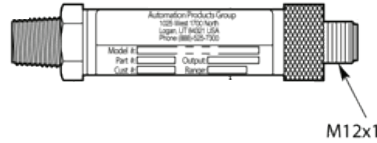
- Cost effective
- High overpressure capability
- Zero and span adjustments
- Single piece stainless steel process fitting and sensor

PT-L1/L3/L10 Specifications

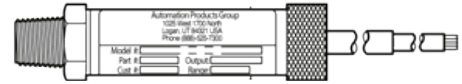
Dimensions: in./mm



4- or 6-PIN BAYONET



4-PIN M12



PIGTAIL

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 Range: (Optional)
 - Up to $-40^\circ - 180^\circ\text{F}$ ($-40^\circ - 82^\circ\text{C}$)

Connectivity

- Output:
 - 4-20 mA
 - 0-5 VDC
 - 1-5 VDC
 - 1-6 VDC
 - 0-10 VDC
- Internet Connectivity:
 - RST-5001 (4-20 mA version only)

Environmental

- Operating Temperature:
 - $-40^\circ - 180^\circ\text{F}$ ($-40^\circ - 82^\circ\text{C}$)

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 or 316L SS

Programming

- Field Calibration:
 - Zero and Span adjust

Options

PT- - C - - - - - - - - - - - -

A B C D E F G H I J K L

A. Operation

- L1** 4-20 mA **L11** 1-6 VDC
- L3** 0-5 VDC **L12** 1-5 VDC
- L10** 0-10 VDC

B. Common Pressure Ranges - PSI*

- 5**
- 50**
- 200**
- 1000**
- 5000**
- 15**
- 60**
- 300**
- 2000**
- 10000**
- 30**
- 100**
- 500**
- 3000**

*Other ranges available. Please consult factory.

C. Unit of Measure

<input type="checkbox"/> PSI [▲]	<input type="checkbox"/> kPa	<input type="checkbox"/> inHg
<input type="checkbox"/> bar	<input type="checkbox"/> inH₂O	<input type="checkbox"/> kgcm²
<input type="checkbox"/> mbar	<input type="checkbox"/> mmHg	<input type="checkbox"/> fsw

D. Pressure Type

- G** Gauge **A** Absolute
- CG** Compound Gauge **S** Sealed
- V** Vac

E. Electrical Connection

Mating connector sold separately

- E1** 6-pin circular
- E3** 4-pin bayonet
- E4** 4-pin M12 Micro connector
- E5**[▲] Pigtail with cable (specify length below)
- E17** 6-pin bayonet

F. Electrical Cable Length

- Number represents cable length, in 5-ft increments, included on E5 pigtail option above. (ex. E5-10 represents pigtail with 10 ft. cable)

G. Process Connection

- P0**[▲] 1/4-18 NPTM **P16** PT 1/4 (BSPP) male
- P2** 1 1/2 sanitary **P22** G3/8 (3/8 BSPP) male
- P4** 7/16 SAE male flush mount
- P5** 1/4-18 NPTF **P23** G1/2 (1/2 BSPP) male
- P7** 7/16-20 SAE male **P26** 7/16-20 UNF male w/ cone
- P14** 1/8-27 NPTM **P30** High Pressure Sno Trik (M-250C, Autoclave male)

H. Accuracy

- NO**[▲] ±0.25%
- N1** ±0.25% with NIST certification
- N2** ±0.1% with NIST certification

I. Materials

- M0** 15-5 SS
- M1**[▲] 316L SS
- M2** 17-4 SS

J. Vibration

- VO**[▲] Standard
- V1** High (not available with K0)

K. Can Assembly

- K0**[▲] Knurl
- K1** Tamper resistant with Loc-Tite
- K2** Tamper resistant with weld
- K3** Weld can to fitting and connector

L. Temperature

- SO**[▲] Standard: 0° - 130°F (-17° - 54°C)
- S1** Extended: -40° - 180°F (-40° - 82°C)

Note: [▲] Indicates this option is standard.

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