

## 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

### Datos fiscales:

Corporación Eco Industrial y Comercial S.A de C.V.  
Plan de San Luis # 101 Int. 801 Col. El Coecillo  
León, Gto. C.P. 37260

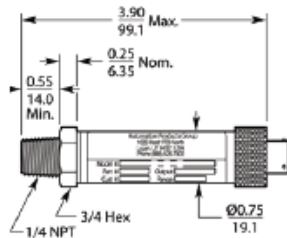
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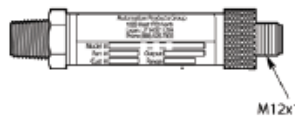
Tel (55) 5510-4265  
Tel (442) 212-8075  
Tel 01 (442) 413 7630  
Tel 01 (442) 410 1565

## 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

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## Options

 PT-      -      -      -      -      -      -      -      -      -      -      -      -     

### A. Operation

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

### B. Common Pressure Ranges - PSI\*

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

\*Other ranges available. Please consult factory.

### C. Unit of Measure

<input type="checkbox"/> <b>PSI</b> <sup>▲</sup>	<input type="checkbox"/> <b>kPa</b>	<input type="checkbox"/> <b>inHg</b>
<input type="checkbox"/> <b>bar</b>	<input type="checkbox"/> <b>inH<sub>2</sub>O</b>	<input type="checkbox"/> <b>kgcm<sup>2</sup></b>
<input type="checkbox"/> <b>mbar</b>	<input type="checkbox"/> <b>mmHg</b>	<input type="checkbox"/> <b>fsw</b>

### D. Pressure Type

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

### E. Electrical Connection

Mating connector sold separately

- E1** 6-pin circular
- E3** 4-pin bayonet
- E4** 4-pin M12 Micro connector
- E5**<sup>▲</sup> 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**<sup>▲</sup> 1/4-18 NPTM
- P2** 1 1/2 sanitary
- P4** 7/16 SAE male flush mount
- P5** 1/4-18 NPTF
- P7** 7/16-20 SAE male
- P14** 1/8-27 NPTM
- P16** PT 1/4 (BSPP) male
- P22** G3/8 (3/8 BSPP) male
- P23** G1/2 (1/2 BSPP) male
- P26** 7/16-20 UNF male w/ cone
- P30** High Pressure Sno Trik (M-250C, Autoclave male)

### H. Accuracy

- N0**<sup>▲</sup> ±0.25%
- N1** ±0.25% with NIST certification
- N2** ±0.1% with NIST certification

### I. Materials

- M0** 15-5 SS
- M1**<sup>▲</sup> 316L SS
- M2** 17-4 SS

### J. Vibration

- V0**<sup>▲</sup> Standard
- V1** High (not available with K0)

### K. Can Assembly

- K0**<sup>▲</sup> Knurl
- K1** Tamper resistant with Loc-Tite
- K2** Tamper resistant with weld
- K3** Weld can to fitting and connector

### L. Temperature

- S0**<sup>▲</sup> Standard: 0° - 130°F (-17° - 54°C)
- S1** Extended: -40° - 180°F (-40° - 82°C)

Note: <sup>▲</sup> Indicates this option is standard.

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## 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

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