

PT-L9-L13-L14



Flexible by Design

Our millivolt output transducers are the economical answer for all general purpose measurements where a cost-effective, high reliability unit is required. The PT-L9/L13/L14 pressure transducers offer ranges from vacuum to 10,000 psi, single piece stainless steel construction, and a tamper-resistant body design.

Features

- Cost effective
- Optional extended temperature compensation
- 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

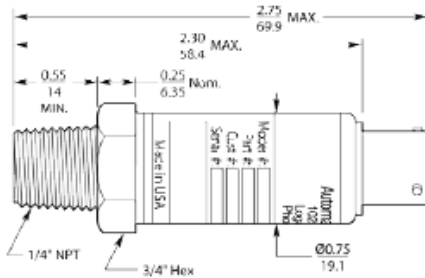
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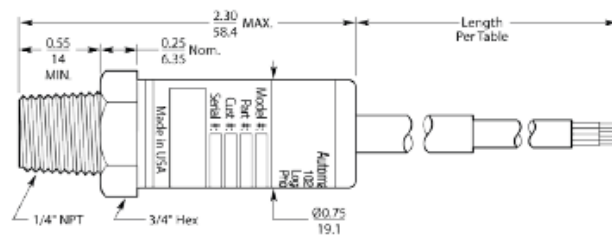
Tel (55) 5510-4265
Tel (442) 212-8075
Tel 01 (442) 413 7630
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PT-L9/L13/L14 Specifications

4 PIN Bayonet



Pigtail



Performance

- Accuracy
B.F.S.L. $\leq 0.25\%$ of full scale
NIST up to $\pm 0.1\%$ available select ranges
- Temp Compensation Range: (Standard)
Up to $0^{\circ} - 130^{\circ}\text{F}$ ($-17^{\circ} - 54^{\circ}\text{C}$)
- Extended Temp Compensation Range: (Optional)
Up to $-40^{\circ} - 250^{\circ}\text{F}$ ($-40^{\circ} - 121^{\circ}\text{C}$)
- Zero balance adjust: $\pm 2\%$ of full scale



Connectivity

- Output:
L9: $10 \text{ mV/V} \pm 2\%$
L13: $3 \text{ mV/V} \pm 2\%$
L14: $5 \text{ mV/V} \pm 2\%$



Physical

- Material: 15-5 or 316L SS



Environmental

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

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Options

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

A. Operation

- L9** 10 mV/V output
- L13** 3 mV/V output
- L14** 5 mV/V output

B. Common Pressure Ranges - PSI*

- 5** **50** **500** **5000**
- 15** **100** **1000** **10000**
- 30** **300** **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

- E3** 4-pin bayonet
- E5**[▲] Pigtail with cable (specify length below)

F. Electrical Cable Length

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

G. Process Connection

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

H. Accuracy

- N0**[▲] ±0.25%
- N1** ±0.25% with NIST certification
- N2** ±0.1% with NIST certification

I. Materials

- M0** 15-5 SS (≥ 1K psi)
- M1**[▲] 316L SS (up to 5K psi / 10K psi by sensor)
- M2** 17-4 SS (≥ 1K psi)

J. Vibration

- V0**[▲] Standard
- V1** High (not available with K0)

K. Temperature

- S0**[▲] Standard: 0° - 130°F (-17° - 54°C)
- S1** Extended: -40° - 180°F (-40° - 82°C)
- S2** Extended: -40° - 250°F (-40° - 121°C)

Note: [▲] 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 bayonet mating connector (E3) with cable	509010-00XX*

*To order a 4-pin bayonet mating connector with cable, you will need to specify the cable length by adding "00XX" to the part number (X=cable length).

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

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

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