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 up 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
PT-L9/L13/L14 SPECIFICATIONS

All dimensions are only approximate. For application-specific inquiries, please contact our application specialists. Drawings not intended for replication.

**Performance**
- **Accuracy**
  - B.F.S.L. ≤ 0.25% of full scale
  - NIST up to ±0.1% available on select ranges
- **Temp Compensation Range: (Standard)**
  - Up to 0º - 130ºF (-17º - 54ºC)
- **Extended Temp Compensation Range: (Optional)**
  - Up to -40º - 250ºF (-40º - 121ºC)
- **No Temperature Specification for ≤ 5 psi**

**Connectivity**
- **Output:**
  - L9: 10 mV/V ±2%
  - L13: 3 mV/V ±2%
  - L14: 5 mV/V ±2%

**Electrical**
- **Supply Voltage:**
  - All Models calibrated for 10VDC input
- **Electrical Protection:**
  - Reverse polarity

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

**Programming**
- **Field Calibration:**
  - No field adjustments available

All dimensions are only approximate. For application-specific inquiries, please contact our application specialists. Drawings not intended for replication.
COMMON MODEL CONFIGURATIONS

10 mV/V Output, Standard Temperature Range

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Model Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PT-L9-C-15-PSIA-E5-5-P0-N0-M1-V0-S0</td>
<td>0-15 PSI, Absolute Pressure Reference, 1/4” NPTM, 316L SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-5-PSIG-E5-5-P0-N0-M1-V0-S11</td>
<td>0-5 PSI, Gauge Pressure Reference, 1/4” NPTM, 316L SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-15-PSIG-E5-5-P0-N0-M1-V0-S0</td>
<td>0-15 PSI, Gauge Pressure Reference, 1/4” NPTM, 316L SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-30-PSIG-E5-5-P0-N0-M1-V0-S0</td>
<td>0-30 PSI, Gauge Pressure Reference, 1/4” NPTM, 316L SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-50-PSIG-E5-5-P0-N0-M1-V0-S0</td>
<td>0-50 PSI, Gauge Pressure Reference, 1/4” NPTM, 316L SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-100-PSIG-E5-5-P0-N0-M1-V0-S0</td>
<td>0-100 PSI, Gauge Pressure Reference, 1/4” NPTM, 316L SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-200-PSIG-E5-5-P0-N0-M1-V0-S0</td>
<td>0-200 PSI, Gauge Pressure Reference, 1/4” NPTM, 316L SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-300-PSIG-E5-5-P0-N0-M1-V0-S0</td>
<td>0-300 PSI, Gauge Pressure Reference, 1/4” NPTM, 316L SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-500-PSIG-E5-5-P0-N0-M1-V0-S0</td>
<td>0-500 PSI, Gauge Pressure Reference, 1/4” NPTM, 316L SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-1000-PSIS-E5-5-P0-N0-M2-V0-S0</td>
<td>0-1,000 PSI, Sealed Gauge Reference, 1/4” NPTM, 17-4 SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-5000-PSIS-E5-5-P0-N0-M2-V0-S0</td>
<td>0-5,000 PSI, Sealed Gauge Reference, 1/4” NPTM, 17-4 SS, 5 ft. cable</td>
</tr>
<tr>
<td>PT-L9-C-10000-PSIS-E5-5-P0-N0-M2-V0-S0</td>
<td>0-10,000 PSI, Sealed Gauge Reference, 1/4” NPTM, 17-4 SS, 5 ft. cable</td>
</tr>
</tbody>
</table>

ACCESSORIES

Please order separately, by part number.

<table>
<thead>
<tr>
<th>Mating Connector</th>
<th>Part Number</th>
<th>Cable in Feet Part Number Suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-pin bayonet mating connector (E3)</td>
<td>509010</td>
<td>-20xx</td>
</tr>
<tr>
<td>6-pin bayonet mating connector (E17)</td>
<td>509165</td>
<td>-20xx</td>
</tr>
</tbody>
</table>

xx = 02, 05, 10, or 25
MODEL CONFIGURATION OPTIONS

Model Number: 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
- □ PSI  □ kPa  □ inHg
- □ bar  □ inH₂O  □ kg/cm²
- □ mbar □ mmHg  □ fsw

D. Pressure Type
- □ G  Gauge
- □ A  Absolute
- □ S  Sealed

E. Electrical Connection
Mating connector sold separately
- □ E3  4-pin bayonet
- □ 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 option. (ex. E5-10 represents pigtail with 10 ft cable)

G. Process Connection
- □ P0  1/4-18 NPTM
- □ P5  1/4-18 NPTF
- □ P7  7/16-20 SAE male
- □ P16  PT 1/4 (BSPP) male
- □ P22  G3/8 (3/8 BSPP) male
- □ P23  G1/2 (1/2 BSPP) male
- □ P30  High Pressure Sno Trik (M-250C, Autoclave male)
- □ P54  7/16-20 UNJF-3A male w/ cone

H. Accuracy
1-5,000 PSI
- □ N0  ±0.25%
- □ N1  ±0.25% with NIST certification
- □ N2  ±0.1% with NIST certification

10,000 PSI
- □ N12  ±0.5%
- □ N13  ±0.5% with NIST certification

I. Materials
- □ M0  15-5 SS (≥ 1k psi)
- □ M1  316L SS (up to 5K psi)
- □ M2  17-4 SS (≥ 1k psi)

J. Vibration
- □ V0  Standard
- □ V1  High (not available with K0)

K. Temperature Compensation Range
- □ S0  Standard: 0º - 130ºF (-17º - 54ºC)
- □ S1  Extended: -40º - 180ºF (-40º - 82ºC)
- □ S2  Extended: -40º - 250ºF (-40º - 121ºC)
- □ S4  Extended: 0º - 185ºF (-17º - 85ºC)
- □ S11  No Temperature Specification (≤ 5 psi)

Note: ▲ Indicates this option is standard.