The Series PBLT2 & PBLTX Submersible Level Transmitters are manufactured for years of trouble free service in the harshest applications. These Series measure the height of liquid above the position in the tank referenced to atmospheric pressure. The transmitter consists of a piezoresistive sensing element, encased in a 316 SS housing with cage and large diameter 316 SS diaphragm seal.

**APPLICATIONS**
- Wastewater
- Sludge pits, clarifiers, digesters
- Alum tanks
- Chemical storage tanks
- Oil tanks
- Lime slurry
- Sumps
- Reservoirs

**SPECIFICATIONS**
- **Service:** Compatible liquids.
- **Wetted Materials:** Body: 316 SS, 316L SS; Cable: Polyether polyurethane or ETFE; Seals: Fluoroelastomer.
- **Accuracy:** ±0.25% FS (includes linearity, hysteresis, and repeatability).
- **Temperature Limit:** PBLT2: 0 to 200°F (-18 to 93°C); PBLTX: ETPE -4 to 176°F (-20 to 80°C); Polyurethane: -4 to 149°F (-20 to 65°C).
- **Compensated Temperature Range:** PBLT2: 0 to 180°F (-18 to 82°C); PBLTX: 0 to 176°F (-18 to 80°C).
- **Thermal Effect:** ±0.02% FS/F.
- **Pressure Limit:** ±0.02% FS/F.
- **Loop Resistance:** 900 Ω.
- **Response Time:** 50 ms.
- **Output Signal:** 4-20 mA DC, 2-wire.

**OPTIONS**
- **Model**
  - Model Description
  - A-297
    - Desiccant filter for vent tube. Removes humidity for protection of the sensor. Changes color to show saturation.
  - A-625
    - Galvanic barrier

**ACCESSORIES**
- **Model**
  - Description
  - MTL5541
    - Intrinsically safe zener barrier
  - MTL7706
    - Galvanic barrier

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range psi*</th>
<th>Cable</th>
<th>Cable Length ft (m)</th>
<th>Cable Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBLT2-5-40</td>
<td>5 (11.54)</td>
<td>40</td>
<td>12.2</td>
<td>ETFE</td>
</tr>
<tr>
<td>PBLT2-10-40</td>
<td>10 (23.09)</td>
<td>40</td>
<td>12.2</td>
<td>ETFE</td>
</tr>
<tr>
<td>PBLT2-15-60</td>
<td>15 (34.63)</td>
<td>60</td>
<td>18.3</td>
<td>ETFE</td>
</tr>
<tr>
<td>PBLT2-20-60</td>
<td>20 (46.18)</td>
<td>60</td>
<td>18.3</td>
<td>ETFE</td>
</tr>
<tr>
<td>PBLT2-5-40-PU</td>
<td>5 (11.54)</td>
<td>40</td>
<td>12.2</td>
<td>Polyurethane</td>
</tr>
<tr>
<td>PBLT2-10-40-PU</td>
<td>10 (23.09)</td>
<td>40</td>
<td>12.2</td>
<td>Polyurethane</td>
</tr>
<tr>
<td>PBLT2-15-60-PU</td>
<td>15 (34.63)</td>
<td>60</td>
<td>18.3</td>
<td>Polyurethane</td>
</tr>
<tr>
<td>PBLT2-20-60-PU</td>
<td>20 (46.18)</td>
<td>60</td>
<td>18.3</td>
<td>Polyurethane</td>
</tr>
<tr>
<td>PBLT2-3.5M-5M-PU</td>
<td>4.97 (11.46)</td>
<td>16.40 (5)</td>
<td>Polyurethane</td>
<td></td>
</tr>
<tr>
<td>PBLT2-5M-10M-PU</td>
<td>7.10 (16.38)</td>
<td>32.81 (10)</td>
<td>Polyurethane</td>
<td></td>
</tr>
<tr>
<td>PBLT2-1M-15M-PU</td>
<td>14.21 (32.78)</td>
<td>59.06 (18)</td>
<td>Polyurethane</td>
<td></td>
</tr>
</tbody>
</table>

*Configured ranges below 5 psi (11.54 w.c.) (3.52 m w.c.) ±1% FS accuracy.

**ACCESSORIES**
- **Model**
  - Description
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    - Intrinsically safe zener barrier
  - MTL7706
    - Galvanic barrier

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- **Model**
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