PBLT2 and PBLTX Submersible Level Transmitters are manufactured for years of trouble-free service in the harshest applications. Both measure the height of liquid above the position in the tank referenced to atmospheric pressure. The transmitters consist of a piezoresistive sensing element, encased in a 316 SS housing. Perfect for wastewater and slurry applications with features to protect the unit from those demanding applications.

### Applications
- Large diameter, non-clogging, damage resistant, 316 SS diaphragm seal
- UL approved intrinsically safe on PBLTX models
- Maintenance free vent filter
- Lightning and surge protection on PBLT2 models
- Excellent chemical compatibility with 316 construction and ETFE cable

### Features
- Ventilation tube in the cable automatically compensates for changes in atmospheric pressure above the tank. The vent is protected with a maintenance free filter eliminating particulate or water droplets from entering the transducers.
- Large diameter 316 SS diaphragm seal is non-clogging and damage resistant to floating solids.
- Wetted Materials: 316 SS, 316L SS, epoxy, cable: ETFE or polyurethane.

### Specifications
- Pressure Limit: PBLT2: 0 to 200°F (-18 to 93°C); PBLTX: 0 to 176°F (-18 to 90°C).
- Compensated Temperature Range: PBLT2: 0 to 200°F (-18 to 93°C); PBLTX: 0 to 176°F (-18 to 80°C).
- Thermal Effect: ±0.02% FS/°F.
- Linearity, hysteresis, and repeatability: ±0.25% full-scale (includes epoxy, cable: ETFE or polyurethane.

### Output Signal
- Power Requirement: PBLT2: 13 to 30 VDC, PBLTX: 10 to 28 VDC.
- Electrical Connection: Wire pigtail.
- Mounting Orientation: Suspended in tank below level being measured.

### Options
- Intrinsically Safe Approval: Change model number from PBLT2 to PBLTX .
- Custom ranges or Cable Lengths- .
- Add $100.00 to price shown.

### Accessories
- MTL5041, intrinsically safe galvanic isolator .
- MTL7706, intrinsically safe zener barrier .
- Items are subject to Schedule B discounts.

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**Table of Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range psi (ft. w.c.)</th>
<th>Cable Length ft. (m)</th>
<th>Cable Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBLT2-5-40</td>
<td>5 (115.4) [3.52]</td>
<td>40 (12.2)</td>
<td>ETFE</td>
<td>$549.95</td>
</tr>
<tr>
<td>PBLT2-10-40</td>
<td>10 (23.09) [7.04]</td>
<td>40 (12.2)</td>
<td>ETFE</td>
<td>$549.95</td>
</tr>
<tr>
<td>PBLT2-15-60</td>
<td>15 (34.63) [10.56]</td>
<td>60 (18.3)</td>
<td>ETFE</td>
<td>$629.95</td>
</tr>
<tr>
<td>PBLT2-20-60</td>
<td>20 (46.18) [14.06]</td>
<td>60 (18.3)</td>
<td>ETFE</td>
<td>$629.95</td>
</tr>
<tr>
<td>PBLT2-5-40-PU</td>
<td>5 (115.4) [3.52]</td>
<td>40 (12.2)</td>
<td>Polyurethane</td>
<td>$449.95</td>
</tr>
<tr>
<td>PBLT2-10-40-PU</td>
<td>10 (23.09) [7.04]</td>
<td>40 (12.2)</td>
<td>Polyurethane</td>
<td>$449.95</td>
</tr>
<tr>
<td>PBLT2-15-60-PU</td>
<td>15 (34.63) [10.56]</td>
<td>60 (18.3)</td>
<td>Polyurethane</td>
<td>$479.95</td>
</tr>
<tr>
<td>PBLT2-20-60-PU</td>
<td>20 (46.18) [14.06]</td>
<td>60 (18.3)</td>
<td>Polyurethane</td>
<td>$479.95</td>
</tr>
<tr>
<td>PBLT2-3.5M-5M-PU</td>
<td>4.97 (14.11) [0.5]</td>
<td>16.40 (5)</td>
<td>Polyurethane</td>
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<tr>
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<td>14.21 (38.78) [12]</td>
<td>32.81 (10)</td>
<td>Polyurethane</td>
<td>$439.45</td>
</tr>
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<td>PBLT2-1M-18M-PU</td>
<td>25.58 (51.8) [5.5]</td>
<td>59.06 (18)</td>
<td>Polyurethane</td>
<td>$479.95</td>
</tr>
</tbody>
</table>

**Prices**

- $549.95
- $629.95
- $449.95
- $479.95
- $415.45
- $439.45
- $479.95

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**Image**

- A-625, 316 SS Cable Hanger use with NPT option for attaching chain for easy pulling out of application .