The Series SBLT2 & SBLTX Submersible Level Transmitters are manufactured for years of trouble free service. These series measure the height of liquid above the position in the tank referred to atmospheric pressure. The transmitter consists of a piezoresistive sensing element, encased in a 316 SS housing.

**APPLICATIONS**
- Water tanks
- Down hole
- Surface water monitoring
- Environmental remediation
- Ground water monitoring
- Well monitoring

**APPLICATIONS**
- Standard 72 hour lead time ensures minimal downtime
- NPT connection allows the unit to be rigidly installed in a pipe/conduit, or the addition
- Excellent chemical compatibility
- 270 lb tensile strength shielded and vented cable used with proper barrier
- Maintenance free filter eliminates particulate or water droplets from entering the
- UL approved intrinsically safe on SBLT2 models for use in hazardous locations when
- 270 lb tensile strength shielded and vented cable
- 2% tenzile strength shielded and vented cable
- A-625 hanging loop for attaching a chain for pulling out of the installation
- Standard 72 hour lead time ensures minimal downtime

**SPECIFICATIONS**
- Service: Compatible liquids.
- Wetted Materials: Body: 316 SS, 316L SS; Bullet nose: PVC; Cable: Polyether
- polyurethane or ETFE; Seals: Fluorelastomer.
- Accuracy: ±0.25% FS.
- Temperature Limit: SBLT2: Polyurethane: 0 to 150°F (-18 to 66°C); ETFE: 0 to
- 200°F (-18 to 93°C); SBLTX -4 to 176°F (-20 to 80°C); Polyurethane: -4 to 149°F
- (-20 to 65°C).
- Compensated Temperature Range: SBLT2: 0 to 140°F (-18 to 60°C); SBLTX: 0 to
- 176°F (-18 to 80°C).
- Thermal Effect: ±0.02% FS/F.
- Pressure Limit: 2X FS.
- Power Requirement: SBLT2: 10-30 VDC (≤1000 ft (305 m) of cable); SBLTX: 10-28 VDC.
- Output Signal: 4-20 mA DC, 2-wire.
- Response Time: 50 ms.
- Max. Loop Resistance: 900Ω at 30 VDC.
- Electrical Connections: Wire pigtail.
- Mounting Orientation: Suspended in tank below level being measured.
- Electrical Protection: SBLT2: Lightning and surge protection; SBLTX: None.
- Weight: 2.2 lb (1.0 kg).
- Agency Approvals: SBLT2: CE; SBLTX: CE, cULus intrinsically safe for Class I,
- Div. 1, Groups A, B, C, D; Class II, Div. 1, Groups E, F, G; Class III Div. 1; ATEX: II
- 1 G Ex ia IIC T4 Ga and II 1 D Ex ia IIIC T135C Da (according to control drawing
- 001833-43)**.

**OPTIONS**
- ATEX Intrinsically safe
- 1/4” NPT female
- 1/4” BSPT male ISO 228 R
- 1/4” BSPT female ISO 228 RC
- 1/4” clean-out type

**ACCESSORIES**
- A-625 Removes humidity for protection of the sensor. Changes color to
show saturation
- MTL5541 Galvanic barrier
- MTL7706 Intrinsically safe barrier

**MODEL CHART**

<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>SBLT2-5-40-ETFE</td>
<td>5 (11.54) [3.52]</td>
<td>40 (12.2)</td>
<td>ETFE</td>
<td>$410.00</td>
</tr>
<tr>
<td>SBLT2-10-40-ETFE</td>
<td>10 (23.09) [7.04]</td>
<td>40 (12.2)</td>
<td>Polytetra</td>
<td>294.00</td>
</tr>
<tr>
<td>SBLT2-15-60-ETFE</td>
<td>15 (34.63) [10.56]</td>
<td>50 (15.24)</td>
<td>Polyurethane</td>
<td>330.00</td>
</tr>
<tr>
<td>SBLT2-20-60-ETFE</td>
<td>20 (46.18) [14.08]</td>
<td>50 (15.24)</td>
<td>Polyurethane</td>
<td>330.00</td>
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