The MBLT Miniature Submersible Level Transmitter is only 0.63” in diameter making it ideal for level monitoring in well and borehole applications. Constructed for years of trouble free service, the MBLT has a welded 316 SS body and 316 SS nose cap. Body top is also 316 SS and tapered to prevent damage or snare when pulling the unit out of the installation. Featured in the MBLT is a precision ±0.10% or 0.25% of full scale accuracy output, better than BFL or BSL rated outputs used by most competitors. Lightning and surge protection (not guaranteed or covered by standard warranty) is included standard to stand up in harsh applications. MBLT comes with a choice of polyether polyurethane or ETFE cable materials and all are vented for barometric pressure compensation. Vent is covered with a maintenance-free filter preventing particulate or water droplets from entering the transmitter.

APPLICATIONS
• Ballast tanks; ground water monitoring; surface water monitoring; dewatering; down hole; remediation and other environmental monitoring applications.

SPECIFICATIONS
Service: Compatible liquids.
Wetted Materials: Body and nose: 316 SS; Cable: Polyether polyurethane or ETFE; Seals: Fluoroelastomer; Label: Polyethylene polyamid.
Accuracy: ±0.25% FS (10´ w.c. range is ±0.30% FS) or ±0.10% FS.
Temperature Limits: -4 to 176°F (-20 to 80°C).
Compensated Temperature Limits: 0.25%: ±0.30% FS or ±0.10% FS.
Thermal Effect: 0.25%: ±0.45% FS TEB; 0.10%: ±0.60% FS TEB.
Pressure Limit: 2 x FS.
Power Requirements: 10 to 33 VDC.
Output Signal: 4 to 20 mA DC 2-wire.
Response Time: < 50 ms.
Max Loop Resistance: 1000 Ω @ 30 VDC.
Electrical Connections: Wire pigtail.
Mounting Connection: Suspended below point being monitored.
Electrical Protection: Surge/lightning protected per EN61000-4-5, Class 5.
Weight: Body: 0.235 lb (0.107 kg); Cable: 0.037 lb (0.009 kg) per foot.
Agency Approval: CE.

<table>
<thead>
<tr>
<th>Model ±0.10%</th>
<th>Model ±0.25%</th>
<th>Range psi (´w.c.) [m.w.c.]</th>
<th>Cable Length</th>
<th>Cable Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBLT-2SB-IVPF-20-40</td>
<td>MBLT-2SB-IVPF-30-50</td>
<td>5 (1.14) [3.52]</td>
<td>40 ft</td>
<td>Polyether polyurethane</td>
</tr>
<tr>
<td>MBLT-2SC-IVPF-15-40</td>
<td>MBLT-2SC-IVPF-30-50</td>
<td>2.82 (15) [4.57]</td>
<td>40 ft</td>
<td>Polyether polyurethane</td>
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<tr>
<td>MBLT-2SC-IVPM-100-106</td>
<td>MBLT-2SC-IVPF-15-40</td>
<td>25.58 (328.08) [100]</td>
<td>106 m</td>
<td>Polyether polyurethane</td>
</tr>
</tbody>
</table>

ACCESSORY