The Series MBLT Miniature Submersible Level Transmitter measures 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 0.63” (16 mm) diameter 316 SS housing.

**FEATURES/BENEFITS**
- Slender 0.63” (16 mm) diameter design fits in narrow openings
- Constructed for years of trouble free service with welded 316 SS body and 316 SS nose cap
- Body top is 316 SS and tapered to prevent damage or snares when pulling the unit
- ±0.10% or ±0.25% FS accuracy output is more precise than BFSL or BSL rated
- Slender 0.63˝ (16 mm) diameter fits in narrow openings
- **Maintenance free filter eliminates particulate or water droplets from entering the transducer**
- Comes with a choice of polyether polyurethane or ETFE cable materials for excellent chemical compatibility
- Incorporates lightning and surge protection, eliminating both power supply surges and lightning ground strike transients (surge protection is not guaranteed and is not covered by warranty)

**APPLICATIONS**
- Ballast tanks
- Ground water monitoring
- Surface water monitoring
- Dewatering
- Down hole
- Remote telemetry
- Remote flood monitoring
- Narrow conduit or pipe installations
- Remediation and environmental monitoring

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model Description</th>
<th>Price</th>
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<tr>
<td>MBLT-2SC-IVPF-5-12.2</td>
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<td>MBLT-2SC-IVPF-900-710</td>
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**OPTIONS**
- For custom ranges, cable lengths, or ETFE cable, contact the website for pricing.

**ACCESSORIES**
- **Dessicant filter for vent tube. Removes humidity for protection of the sensor. Changes color to show saturation.**

**SPECIFICATIONS**
- **Service:** Compatible liquids.
- **Wetted Materials:** Body and nose: 316 SS; Cable: Polyether polyurethane or ETFE; Seals: Fluoroelastomer; Label: Polyolefin.
- **Accuracy:** ±0.25% or ±0.10% FS**.
- **Temperature Limits:** -4 to 176°F (-20 to 80°C).
- **Compensated Temperature Limits:** 0.25%: (0 to 70°C); 0.10%: (0 to 60°C).
- **Thermal Effect:** 0.25%: ±0.10% FS, TEB: ±0.30% FS TEB.
- **Pressure Limit:** ±2½% FS.
- **Power Requirements:** Current output: 1 to 33 VDC; Voltage output: 8 to 33 VDC; 5 mA max (no load).
- **Voltage Output Impedence:** 4 to 20 mA DC 2-wire or 0 to 5 V* (model depending).
- **Response Time:** < 50 ms.
- **Max Loop Resistance:** 1000 Ω @ 30 VDC (current output).
- **Agency Approvals:** CE.