The Series ULT Ultrasonic Level Transmitter provides non-contact measurement of liquid levels in an explosion-proof body. It is capable of measuring up to 32.8’ (10 m) with a PVDF sensor and 4-20 mA output.

FEATURES/BENEFITS
- Provides reliable, accurate, and non-contact level measurement of compatible liquids
- Non-contact technology offers no moving parts to wear, jam, corrode, or get coated like contact technologies
- Mapping software makes effective measuring surface only a 3” (76.2 mm) diameter column with no concerns of ladders, pipes, or other tank intrusions in the remaining sound cone
- FM approved explosion-proof making it ideal for use in hazardous locations
- Easy programming with 6 digit LCD display and simple menu structure
- Output range is adjustable with choices of inputting tank dimensions or by filling and emptying the tank while calibrating and it automatically and scaling to levels it senses
- Window cover allows easy viewing of display
- Fail-safe output options and diagnostic capabilities

APPLICATIONS
- Water and wastewater
- Pulp and paper processing
- Chemical processing
- Food and beverage

MODEL CHART
<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ULT-11</td>
<td>24.6’ (7.5 m)</td>
<td>$1037.00</td>
</tr>
<tr>
<td>ULT-21</td>
<td>32.8’ (10 m)</td>
<td>$1243.00</td>
</tr>
</tbody>
</table>

SPECIFICATIONS
- Service: Compatible fluids. Not for use with powder and bulk solids.
- Ranges: 24.6’ (7.5 m), 32.8’ (10 m)
- Accuracy: ±0.2% FS.
- Resolution: 0.079” (2 mm).
- Blind Zone: Under 8” (20 cm).
- Beam Width: 3” (7.6 cm) diameter.
- Temperature Limits: Ambient: -40 to 140°F (-40 to 60°C); Process: -4 to 140°F (-20 to 60°C).
- Temperature Compensation: -40 to 140°F (-40 to 60°C).
- Pressure Limits: 30 psi (2 bar) up to 25°C (77°C), Above 25°C (77°F), rating decreases 1.667 psi per 1°C increase. See chart.
- Output Signal: 4-20 mA or 20-4 mA (two-wire).
- Max. Loop Resistance: 250 Ω at 24 VDC.
- Electrical Connections: Screw terminal.
- Conduit Connection: 1/2” NPT female (two) or optional M20.
- Process Connection: 2” NPT male or optional BSPT.
- Enclosure Rating: Weather-proof meets NEMA 4X (IP66), explosion-proof rated Class I, Div. 1, Groups B, C, D; Class II/III, Div. 1, Groups E, F, G.!
- Mounting Orientation: Vertical.
- Failsafe: On lost echo after 30 seconds, user selectable to 4, 20, 21, 22 mA or last signal.
- Memory: Non-volatile.
- Display: 6 character LCD.
- Units: in, cm, ft, m, percent.
- Programming: 4 button.
- Weight: 4.0 lb (1.8 kg).
- Agency Approvals: CE, FM.