**ELU-8**

**LIQUID LEVEL TRANSMITTER**

**4-20mA ULTRASONIC**

- **Accuracy**: 0.25% of measuring range.
- **Pressure**: -0.25 / +2 bar
- **Programmable display**: 4 digit concealed
- **Flange mounting**: DN80 PN16, BS10 TABLE D 3", ANSI 3"
- **Load at 24VDC**: 2500
- **Ultrasonic cone angle**: 12°
- **Materials**: UPVC, Polypropylene

The unit is not suitable for use with any media that has visible fumes.

**Specifications**

<table>
<thead>
<tr>
<th>Type</th>
<th>Measuring Range</th>
<th>Operating Temp °C</th>
<th>Span Min</th>
<th>Resolution</th>
<th>Supply</th>
<th>Output</th>
<th>Max Power</th>
<th>Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELU-8</td>
<td>0.5 / 8m</td>
<td>-10/+60</td>
<td>100mm</td>
<td>1mm</td>
<td>24VDC</td>
<td>4-20mA loop</td>
<td>0.5W</td>
<td>IP68</td>
</tr>
</tbody>
</table>

**DIMENSIONS:**

**SIDE VIEW**

**PLAN VIEW**

**INSTALLATION:**

- **OPEN TANK / SUMP**
  - Mount at least 0.5m above the highest media level and 105mm away from walls for every 1m of media depth.
  - Use plastic mounting bolts. Do not over-tighten as this may cause acoustic coupling to the mounting and give false readings.

- **CLOSED TANK**
  - Mount at least 0.5m above the highest media level. Do not mount the unit in the centre of the tank to monitor powder or granules etc. which can form into a cone shape and give inaccurate readings - in this case the unit should be mounted close to the edge as shown.

**CAUTION:**

- These devices are suitable for low voltage supply only.
- Device should be checked by a qualified technician before applying any voltage.
- Ensure electrical entry hole is completely sealed for all IP65/weatherproof models.
- Observe precautions for handling electrostatic sensitive devices.
- Observe all relevant safety precautions, wiring/earthing regulations and electrical ratings.
- Always ensure the device operates at the correct temperature. If failure of the device can cause damage a safety backup control should be fitted.
- All data is for guidance purposes only, subject to change without prior notice and not guaranteed to be absolutely correct unless confirmed by us in writing.