Immersion Type Liquid-Level Transmitter
ALTJ™9000
Ideal liquid level transmitter for reservoirs, sludge tanks, and sewage tanks

1. Outstanding Durability
2. Wide Measurement Range
3. Easy Self-Diagnostics
ALTJ™9000
Immersion Type
Liquid-Level Transmitter

Features

Outstanding Durability
- Lightning protection that covers all cases
  Industry-leading lightning protection. Lightning arresters are included as a standard feature (in the relay box and detector).
  Surge voltage peak: ±200 kV (JEC-0202)
  This product can be used in mountainous areas, where lightning often occurs, and includes measures to withstand sudden local heavy rains.

- Dustproof and waterproof
  In conformance with JIS C 0920 and IEC IP66, this product can be reliably used even under extreme outdoor conditions.

- Relay box corrosion-proof coating is standard
  Resistance to salt damage is also ensured to allow seawater measurement.

Wide Measurement Range

Two models together cover the range from 0 to 70 m.

Easy Self-Diagnostics

The self-diagnostics function allows the user to easily determine whether the instrument is functioning properly using a communicator (CommStaff™).

The self-diagnostic function checks for sensor errors, electric circuit failures, or settling range errors, etc.

Specifications

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Accuracy</td>
<td>± 0.25 % F.S.</td>
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<tr>
<td>Measuring Range</td>
<td>Model JTL32 : 0.3 to 10 meters</td>
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<tr>
<td></td>
<td>Model JTL33 : 7 to 70 meters</td>
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<tr>
<td>Process Temperature Range</td>
<td>-5 to +55 ℃</td>
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<tr>
<td>Output</td>
<td>4 to 20 mA DC</td>
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<tr>
<td>Power</td>
<td>DC 24 V</td>
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Installation

All that is required to install the detector is to submerge it in the liquid to be measured.

The detector can be used at locations such as reservoirs, sludge or sewage tanks, dams, rivers, and seawater inlets.

Example power source:
AC 100 V, 50/60 Hz

Relay (mounted on 2 inch pipe or wall)

Water level

2-core cable

2-core shield cable (dedicated hollow cable)

Detector (the weight may be removed.)

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Azbil Corporation
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