Mimic In-House Article
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Water Temperature & Level Monitoring Devices





Reliable water management starts with accurate information. Knowing water temperature and water level is essential for keeping industrial systems operating safely and efficiently. Two devices that help to make this possible are the EL-USB-1-PRO Industrial Temperature Logger and the TU2000 Ultrasonic Level Transmitter.

The EL-USB-1-PRO can record water or equipment temperatures where temperature monitoring is required. It monitors and records temperatures from -40°C to +125°C, storing up to 32,510 readings. Housed in a corrosion-resistant 316-grade stainless steel case with IP67 protection, it is designed to withstand demanding environments. Users can select logging intervals from one second to 12 hours, while programmable alarm thresholds provide an early warning when temperatures move outside acceptable limits. Downloading and reviewing recorded information is done by simply using a USB connection and the free EasyLog software.

Whereas the TU2000 Ultrasonic Level Transmitter measures liquid levels without making contact with the water. Using ultrasonic technology, it can monitor distances of up to 20 metres, even when liquids are moving or agitated. Its temperature compensation helps maintain stable readings, while its IP67-rated housing makes it suitable for harsh industrial conditions.

A practical example of using the TU2000 is monitoring a municipal fire-water storage tank. The TU2000 can continuously measure the water level and trigger an alarm when supplies become too low, helping maintenance teams respond before an emergency occurs.

Together, these devices provide valuable information that helps users monitor conditions, identify potential problems early and maintain reliable water infrastructure.

Call us for more information on water temperature data loggers as well as level and submersible level transmitters and level sensors.

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