

e+Water L



e+Water L an intelligent and accurate sensor for measuring and recording the levels and temperatures of surface water.

A rugged, accurate sensor for long term, uninterrupted field measurements

Advantages

- Accurately measures and records surface water level and temperature
- Very stable for long term deployment in the field
- Built in barometric compensation for variations in air pressure and water density
- Variable measurement frequency depending on requirements
- Frost resistant
- Can be used as a stand alone sensor or as part of a telemetry system
- Optional alarm for both level and temperature parameters
- Can be linked via an e-SENSE modem to different software systems
- Can be combined with existing level measuring systems
- Is CE hallmarked and meets all EMC directives.

Reading out e+Water L

- Universal read-out unit
- Direct Data Cable upto 200m
- e-SENSE modem and telemetry

Specifications General

- Diameter: 22mm
- Length: from 85 to 235cm
- Weight: from 1.0 to 2.2 kg
- Temperature range: -20° C to + 80° C
- Humidity range: 0 - 100%
- Housing material: Stainless Steel 316L

Specifications e+WATER L Logger

- Number of channels: 2
- Storage capacity: 2 x 30,000 readings
- Measurement intervals: 1 - 60 seconds; 1 - 60 minutes; 1 - 24 hours
- Clock accuracy: < 1 second per day
- Alarm functions: low and/or high alarm throughout the entire measurement range
- Battery indication: 0-100%

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Specifications e+WATER L Sensor

- Range: 0 - 200 cm
- Accuracy: 3 mm
- Resolution: 0.1 cm
- Temperature range: -20 °C to + 80 °C
- Temperature accuracy: 0.5 °C
- Temperature resolution: 0.01 °C

Power Supply

- Battery: 3.6V / 2.3 Ah Lithium (interchangeable)
- Battery Life: 6 years (with sampling interval of 10 minutes)

Types of e+WATER L

- e+WATER L with a measurement range up to 50 cm water fluctuation
- e+WATER L with a measurement range up to 100 cm water fluctuation
- e+WATER L with a measurement range up to 150 cm water fluctuation
- e+WATER L with a measurement range up to 200 cm water fluctuation

Installation/Housing Options

The e+WATER L sensors can be installed in a robust, functional stainless steel housing that can also be used with existing level indicators.

Advantages

- Universal
- Robust construction
- Lockable
- Prevents contamination
- Resistant to theft and vandalism
- Provides wave protection
- Easy installation
- Available in various lengths to accommodate various systems options.