



# LoRaWAN Sensor Device

## Liquids Level (Pressure) & Temperature



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### Sensors

Pressure based level sensor  
High resolution, IP67 weather resistant, piezo resistive technology  
Interface: I<sup>2</sup>C

-1 ... 10.0 bar differential ~ -10 ... 100 meter of water column [mH<sub>2</sub>O]

Absolute pressure or other range on request  
Temperature compensated

G1/4" or NPT1/4" screw thread

Accuracy ±0.7% of full scale

Temperature sensor  
Range: -10...+80 °C

2m cable, longer cable on request

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### Supply

Internal battery 2 x C-type Alkaline  
Integrated sensor supply

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### LoRaWAN specifics

Device class A

Over the air activation (OTAA)

Adaptive data rate (ADR)

Frequency bands:  
EU868 MHz (EU Version), US915MHz (US Version),  
or AU920 (Australia Version)

Input Sensitivity: -148 dBm (EU Version)

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### Operating conditions

-30°C to 60°C  
100% RH

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## Weight

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250g w/o batteries

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## Dimensions

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LoRaWAN sensor device: 80 x 135 x 70 mm  
Sensor: 21 mm diameter, 73 mm length

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## Enclosure

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Weatherproof, impact and UV- resistant polycarbonate enclosure

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## Dimensional drawings (only enclosure)

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