



METOS® Level is a device incorporating an ultrasonic level sensor to provide a cost-effective solution and an early warning system for remotely measuring snow height or water levels under extreme conditions. Monitoring and collecting data in sensitive areas can help to protect people and prevent big damages. The ultrasonic sensor provides non-contact measurements and is characterized by its high level of operating reliability, low energy consumption, fast installation, low maintenance cost and ease of use in the field.



## TECHNICAL SPECIFICATIONS

|                                    |   |
|------------------------------------|---|
| <b>Dimensions</b>                  | Cap diameter: 110 mm<br>Box diameter: 98 mm<br>Overall height: 110 mm |
| <b>Weight</b>                      | 152 g (without batteries)   |
| <b>Connectivity</b>                | NB IoT and CatM1 (HL7800)   |
| <b>Power supply</b>                | 2x 3.6V high capacity primary battery*                                |
| <b>Measuring interval</b>          | every minute  |
| <b>Logging interval</b>            | every 15 minutes  |
| <b>Transmission interval</b>       | 1x per hour   |
| <b>SENSORS</b>                     |   |
| <b>Measurement distance</b>        | up to 3 meters**  |
| <b>Measurement resolution</b>      | 1 mm  |
| <b>Operating temperature range</b> | -15 °C to +60°C   |

\*Battery is not included and needs to be ordered separately.

\*\*Beam angle is 3° therefore we suggest providing at least 50 cm diameter of flat surface directly underneath when the product is installed at the maximum height of 3 meters.

Note: METOS® Level needs to be installed parallel to the flat measured surface.

Order number: 700249

## DIFFERENT APPLICATIONS



Snow height



Lakes water level



Water tank level



Water irrigation trenches

