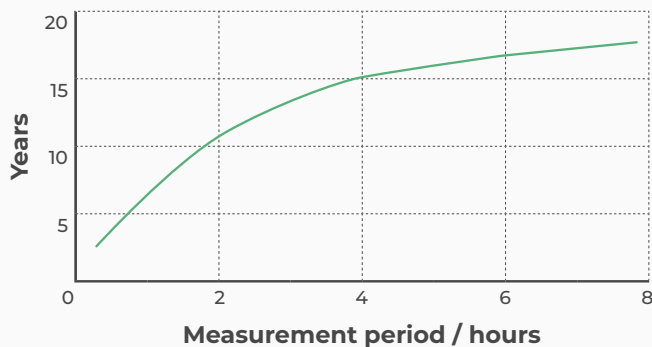


Datasheet

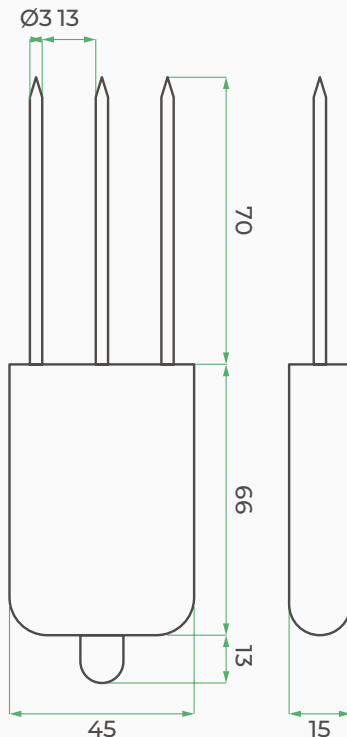
Soil Moisture Sensor

For continuous soil moisture and temperature monitoring with wireless data transmission.

Parameter	Value
Connectivity	NB-IoT, LTE Cat-M, NTN Satellite, 2G, LoRaWAN
Moisture Range	0% – 100%
Moisture Accuracy	±3% (0–53%), ±5% (53–100%)
Moisture Resolution	1%
Response Time	< 1 second
Temperature Range	-40 °C to +80 °C
Temperature Accuracy	±0.5 °C
Temperature Resolution	0.1 °C
IP Rating	IP68
Power Supply	3.6 – 30 V DC
Current Consumption	Max 40 mA @ 24V DC


Battery lifetime*


* Valid for LoRaWAN and NB-IoT. Measurement period equals data send period.



Dimensions in mm.

Soil Moisture Sensor



Easy Setup & Robust

IP68, install in 20 mins.



Data Integrity

High quality electronics, advanced data quality control.



Redundant Communication

NB-IoT, LTE Cat-M, NTN Satellite (BG95-S5), 2G fallback, LoRaWAN.



Friendly App

Alerts, data interpretation. Easy installation and operation.

- ~ Low power consumption. Lifetime up to 10 years.
- ~ Multiple mounting options via adapter.
- ~ Maintenance-free.
- ~ Deployable anywhere in the world.



Use cases



Flood warning systems



Remote environmental sensing



Landslide monitoring



Precision agriculture



Hydroponic facility systems



Contact us
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