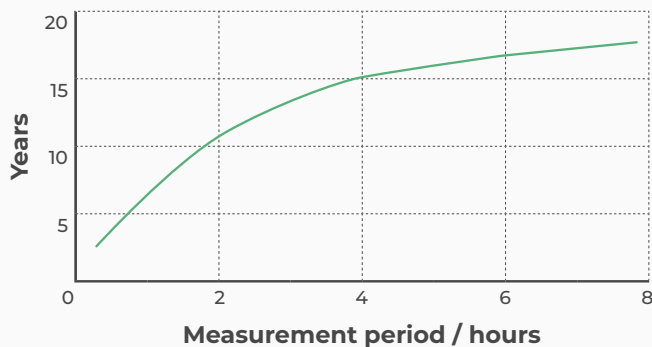


Datasheet

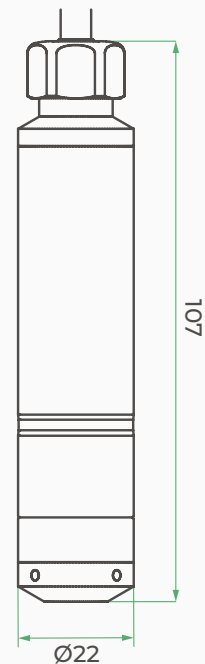
Pressure Level Sensor

For reliable measurement of groundwater & liquid levels with wireless data transmission.

Parameter	Value
Connectivity	NB-IoT, LTE Cat-M, NTN Satellite, 2G, LoRaWAN
Measurement range	1 – 100 m
Accuracy (digital)	0.1 % of range
Accuracy (analog)	0.2 % of range
Measurement frequency	15 Hz
Probe protocol	MODBUS RTU
Supply voltage	3.8 to 28 V
Supply current	3.8 mA
Current loop	4 to 20 mA – powers the transducer when used
Baud rate	1200 to 115200
Modbus response delay	< 35 ms


Battery lifetime*


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



Dimensions in mm.

Pressure Level Sensor



Easy Setup & Robust

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



Tank capacity control



Sewage monitoring



Agricultural irrigation optimization



Well & borehole observation



Automated insurance claims



Contact us
info@meratch.com