

# WATER METER READER

## WM1021nb



### Product information

WM1021nb meter reader is a device intended for automate remote reading of water meters. Adjusts to meter mechanics Honeywell Elster S220 and S150 models inclined sphere.

WM1021nb communicates with Amper's IoT Platform, through which water distribution companies can monitor each customer's consumption.

It allows an automatic and remote reading of the meter and report in real time alarms such as disassembly, sabotage and inverse counting.



### Technical specification

Physical	Dimension	100 x 65 x 40 mm
	Weight	115 gr
	Material	Polycarbonate/UV resistant IP67 (optional IP68)
Battery	Voltage	DC 3,6V ( 8,5Ah, lithium
	Life	> 10 years
Sensor	Magnetic	Hall effect
	Alarm	Anti-tampering Anti-fraud
Network	BLE	Version: 4.2 Sensitivity: -86 dBm
	Narrow Band NB-IoT	B1, B3, B5, B8, B20, B28
Memory	EEPROM	512KB
Firmware	Upgradeable	OTA
Environmental conditions	Temperature operation	-40 ~ 85° C
	Humidity operation	95% RH

### Features and benefits

- Mechanics adapted to water meters from the manufacturer Honeywell Elster S220 and S150 models inclined sphere.
- Single-use, long life battery between 10 and 15 years.
- NB-IoT narrow band cellular communication.
- Local configuration via Bluetooth.
- Fw update by OTA.
- Accurate measurements, greater than 0.01%.
- Avoid fraud.
- Non-manipulable.
- Easy installation.

*Amper Sistemas reserves the right to change products or specifications without prior notice.*



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