

TRANSPONDER 868

Solution for AMR systems



- Wireless M-Bus 868 MHz
- Usable on Walk-by, Drive-by and AMR networks
- T1 / C1 or T2 / C2 mode
- Li - SOCL2 battery with high capacity
- Ultra Low Power
- Protection IP68

The **868 MHz Telereading Transponder** is the solution to implement smart metering networks of mobile type (Walk-by or Drive-by) or fixed AMR. The device allows monitoring of direct and reverse flow of the various users and to detect, in real-time (fixed network), any fraud or water losses by sending alert.

Performances

Power transmission 868 MHz: +14 dBm E.R.P.

Firmware

Wireless M-Bus T1/C1 or T2/C2 mode
Transmission: daily programmable
Cryptography: AES128

Consumption and needs

Operation voltage: 3.6V
Power supply: Li-SOCL2 high capacity
Lifespan: up to 15 years

Main Advantages

Avoid water leaks
Check your consumption
Cut water wastage
Get water balance

General information

Operating temperature: -20°C/+55°C
Integrated mounting system: pipe
Dimensions: 50 x 57 x 58 mm
Protection: IP68
Standards: UNI/TS 13757
Weight: 0,1 Kg

Application features

Tx scheduling and alarm thresholds remotely adjustable
Direct and revers flow
Removable alarm
Cut wire

