

Technical features



Flood Sensor Wireless IoT

Detects water leaks and flooding

- ✓ Accelerometer sensor, detects vibration and overturning
- ✓ Receive alarm notifications on your smartphone
- ✓ No wiring
- ✓ The perfect solution to protect bathrooms, kitchens, basements from flooding risk

LEAK is the autonomous solution for the detection of water leaks and flooding without the need for power supply and WiFi

Main features of the device:

- LEAK exploiting the capabilities of an internal accelerometer is able to detect any type of movement or overturning
- Alarms on detection of water leaks
- Detection and signaling of the end of the leak
- App for device registration, configuration and alarm management
- Real time and/or asynchronous data collection and transmission
- Certified for operation on SIGFOX network and protected from electromagnetic interference

Communication

- Sigfox network protocol
- Status message: 1 daily with indication of the battery and sensor status
- Message of water presence detection

Power Supply

- Number of messages: 30.000
- Power supply with LiMnO2 1500 mAh lithium batteries
- Duration: up to 10 years

Antenna

- Radio Module: 868MHz
- Power: 25mW (+14dBm)

Environmental Conditions

- Operating temperature -40°C/+60°C
- Degree of protection: IP 67

Mechanics

- Weight: 45 g
- Dimension: 60x60x60 mm