

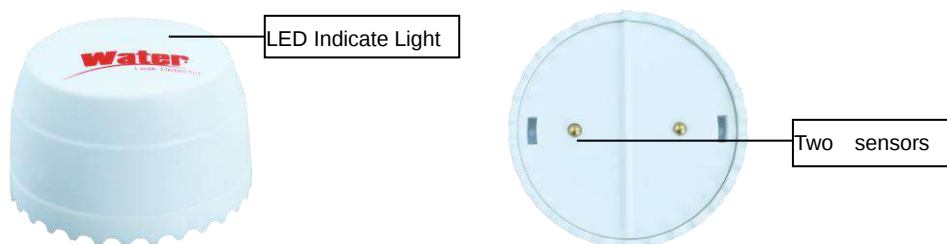
Water Leakage Detector - EXPERT4HOUSE

User Manual

Product Profile

The product detects the water leakage by applying the theory that the resistance will change when the electrode is flooded. It adopts the MUC intelligent detecting with the rustproof sensor, which makes the detector work stably and reliably in high precision and sensitivity. The product can be widely used in the water storage devices or the place which is possible to have the water leakage such as basement, machine room, warehouse etc.

Schematic Diagram



Features

- ※Rustproof sensor
- ※Low power consumption
- ※Low voltage indication
- ※MCU control removes various false alarms
- ※SMT manufacture technics bring stable performance

Function Introduction

When the two sensors detect the water, the red LED indicate light on the detectors will be on and transmit the wireless signal at the same time. The alarm system will transfer the alarm information after receiving the wireless signal.

Pair With Alarm System

Only after the detector pairs with the alarm system, the alarm host will receive the wireless signal of the detectors.

Pairing Method: Firstly make the alarm host in the status of adding detectors. Secondly, touch the two sensors on the bottom of the detector by hand. The LED light will be long on. After the host receives the wireless signal from the detectors, it will make a beep or the voice will prompt “adding completed”.

Low voltage indication

When the LED indicate light flashes, it means it is in the low voltage.

The compatible mode of the detector

When the jumper cap of the detector is in the off state, it is compatible with the common alarm host and doesn't have low voltage indication.

When the jumper cap of the detector is in the closure state, it is not compatible with the common alarm host and has the low voltage indication.

Technical Parameters:

Operating voltage: 3V
Static current: $\leq 10\mu A$
Alarm current: $\leq 65mA$
Alarm indicator : Red LED
Alarm output: 315M/433M(Factory default is 433M)
Wireless distance: 100meters (in the open space)
Working temperature : 0-60°C
Working humidity: 0-80%RH (No congelation)
Low Voltage indicator: 2V (Indicator flashes fast)
Product Size: 54*35MM