

SEED-314990618



PRODUCT DETAILS

When detects a leakage, it will be triggered to turn on the alarm system or shut down indoor equipment to ensure safety, lower risks, and reduce damages, making it widely applicable in industrial environmental sensing scenarios.

Features

- **Universal Protocol:** MODBUS-RTU RS485
- **User-friendly:** Easy to install, clean, and remove
- **Widely Applicable:** Relay signal output, can be used with digital displays, PLCs, inverters, recorders and other water detection system
- **Strong Robustness:** Made of high-quality alloy and waterproof cable, suitable to be immersed in water for a long time, anti-corrosion
- **High-performance:** Strong anti-interference and long-term stability

Description

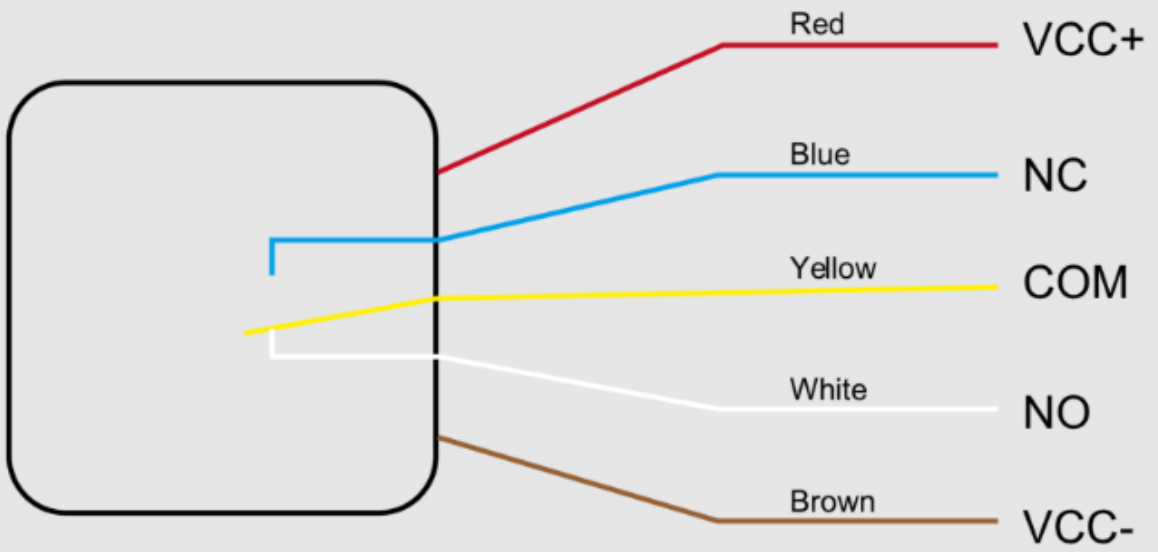
Water leakage might destroy properties in our homes, Server rooms, power distribution rooms, and warehouses and potentially cause health risks. It's essential to be alert when there is a leakage to ensure actions that minimize risks and avoid damages.

This Water Leak Detector is designed with industry standards. It's IP66 rated, featuring waterproof and dustproof, and can be widely used in various application scenarios, such as a kitchen, a sump pump, a bathroom, etc. It can be compatible with the [SenseCAP LoRaWAN® Data Logger](#) to connect with the LoRaWAN® network, enjoying the benefits of low-power and long-range communication. When the submerged water level touches the sensor probe, the built-in relay will be triggered, turning on the alarm system or shutting down the indoor equipment. The control circuit has lower potential energy, which will not cause any flammable or combustible materials to catch fire, ensuring safety.

Specifications

Power Supply	5V
Operating Current	< 30mA
Quiescent Current	< 10mA
Output Signal	watery: relay connection, dry: relay break
Cable Length	2 meters
Relay Load	(3A 250V AC) / (3A 30V DC)
Response Time	< 50ms
Measurement Medium	water
Operating Temperature	-5°C ~ +60°C
IP Rating	IP66
Device Weight	200g

Switch On (Watery)



Switch Off (Dry)

