

# Water Leak Detector



## 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 ~ +60 °C
IP Rating	IP66
Device Weight	200g

## Introduction

The water leak detector is designed to detect an emergency water leak situation. When the water immersion level touches the sensor probe, the built in relay will switch on and shut down equipment in the house or turn on the alarm system. This control circuit has an very low potential energy, so it won't cause any ignition of flammable or combustible materials.

## Features

- Easy to install
- Relay signal output, it can be used with digital display, PLC, inverter, recorder and other water detection system
- The probe is made of alloy and durable, and with waterproof cable, safe to use
- Strong anti-interference and long-term stability

## Applications

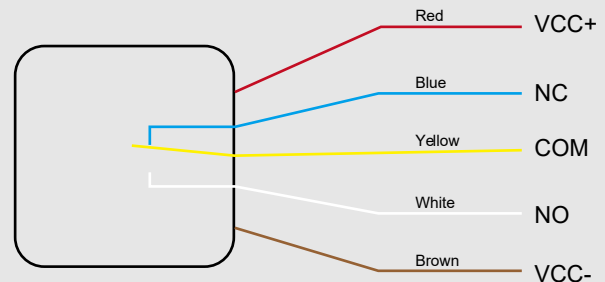
- In the basement where groundwater leakage could cause damage
- At the entrance of a low-lying door, where there is a risk of flooding
- In the bathroom where a bucket or sinks could overflow
- Near your water heater, refrigerator, dishwasher or washing machine
- Other water detection system



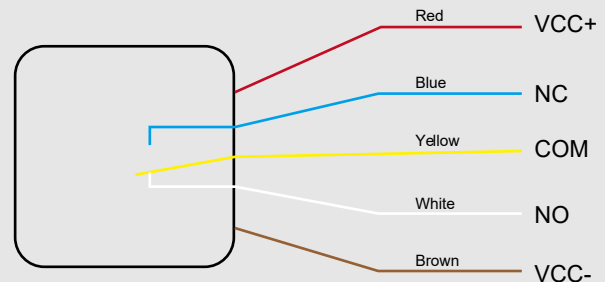
- The probe pole of the sensor is placed facing down to the ground vertically. The sensor should be placed in the lower spot in the flat area.
- If you need to detect a small amount of water (not to a certain depth), it's a good practice to place a sponge tray under the probe.

## Wiring Diagram

### Switch Off (Dry)



### Switch On (Watery)



Red wire and brown wire ---- VCC+ and VCC-  
Yellow wire ---- Relay common pin  
Blue wire ---- Relay normal closed pin  
White wire ---- Relay normal open pin