

SW4 Water Flood Sensor User Manual

1. Principle

Model SW4 water flood sensor uses electrode detection method to detect if there is water on the floor. It's a special module adopting resistance change when electrode in water, and uses special IC to amplify, compare, and output high level signal. Output a N.C or N.O signal via relay when there's water.

Technical parameter

- a) Rating voltage: DC12V
- b) Storage temp.: -55°C~85°C
- c) Work temp.: -20°C~55°C
- d) Work humidity: 5%~95%
- e) Operating current: <20mA
- f) MTBF: 50000 hours

2. Connection

Sensor with a 5-core cable, length is 2 meter, the definition for each wire list in following table.

No.	Color	Definition
1	Red	Positive pole of DC12V (power in)
2	Black	Negative pole of DC12V (power in)
3	Yellow	COM
4	Green	N.O signal
5	Blue	N.C signal

3. Dimension of sensor

