

SW6 Water Leak Switch User Manual

1. Principle

Model SW6 water leak switch uses electrode detection method to detect if there is water on the floor. It can prevent flooding and property damage by water leak. 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 detected.

2. Technical parameter

- a) Rating voltage: DC 9 to 36V / AC 9 to 26V
- b) Relay maximum current: 5 Amps (max) @ 220V
- c) Storage temp.: -55℃~85℃
- d) Work temp.: -20℃~55℃
- e) Work humidity: 5%~95%
- f) Cable length: 2 meters (can be customized)
- g) MTBF: 50000 hours

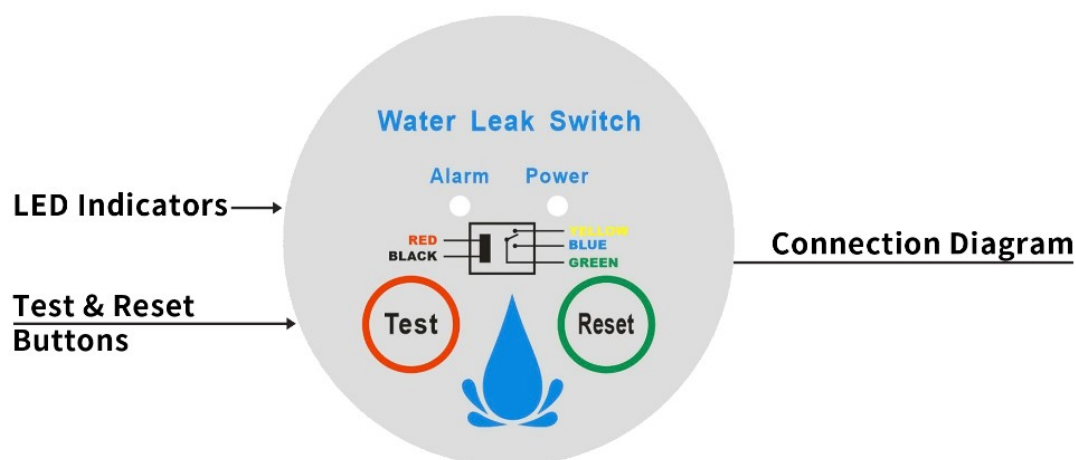
3. Work status indicators and buttons

After powered on, the “Power” indicator will be lit green;

When water leak detected, the “Alarm” indicator will be lit red;

Press “Test” button can activate water leak alarm and the “Alarm” indicator will be lit red;

Press “Reset” button can return back to standby state.

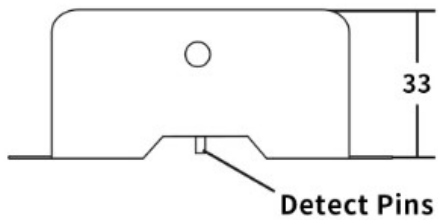
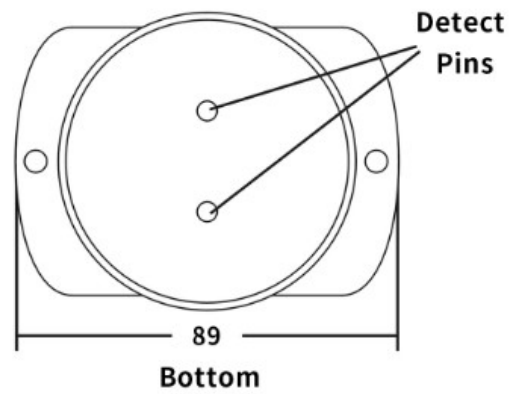
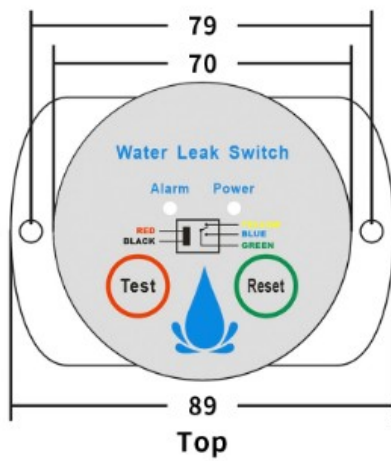


4. Connection

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

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

5. Dimension of the sensor (mm)



6. Product pictures

