

## Water Leak sensor LS8

Water Leakage Detection Sensor is a contact probe type detection sensor for water leakage, it has several grooves designed for water flowing through and also has two probes exposed at the bottom, and the distance is 1mm between the probes and the bottom surface.



This sensor can provide a relay contact output, when the water goes through and touches the probes, the relay in the sensor turns on and connects to external alarm circuit.

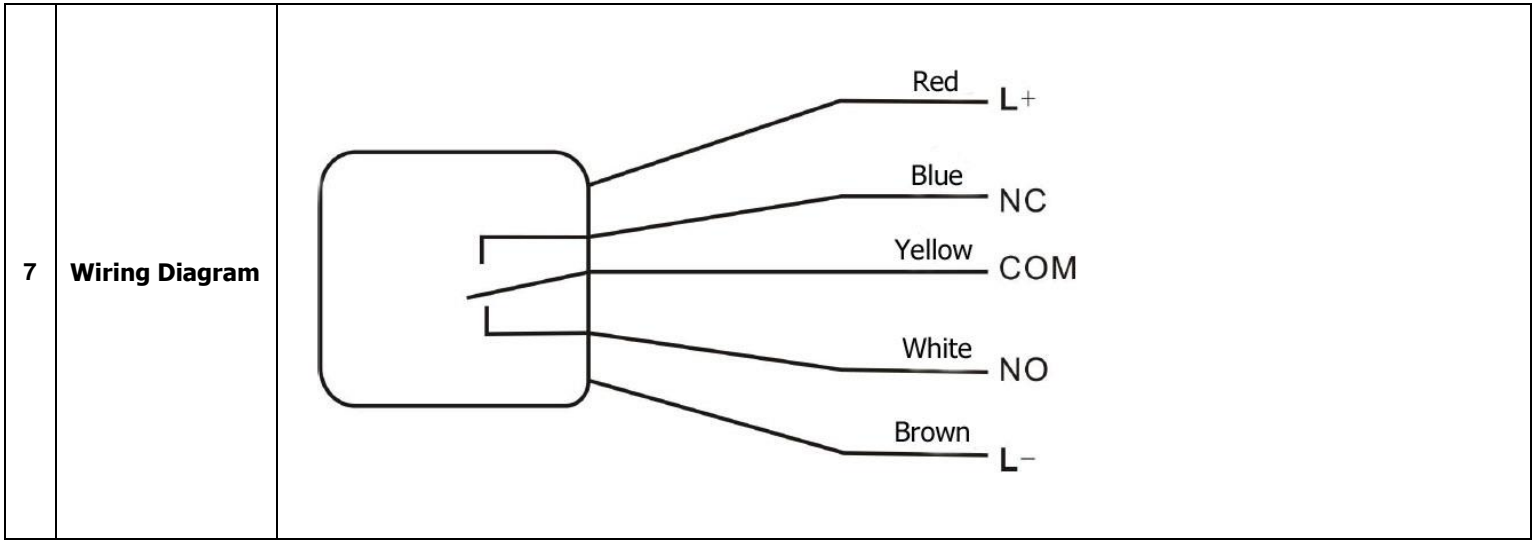
It can be put on the flat ground directly and also can be fixed on the ground or wall by mounting holes.

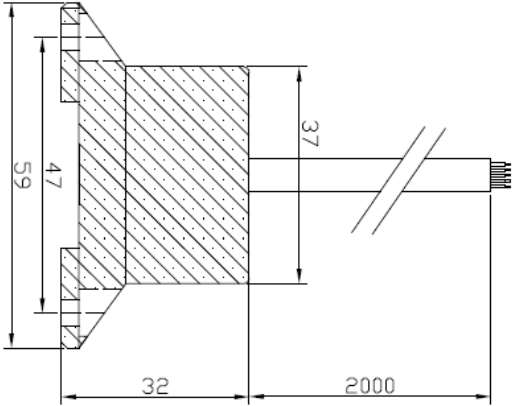
Common applications include generator room, switching house, underground room and

environment monitoring system.

### Technical Parameters of Water Leakage Detection Sensor

1	<b>Installation</b>	With mounting holes
2	<b>Detector</b>	With LED When supplying power supply, No alarm, the led is green; When there is water detection alarm, led is red.
3	<b>Electrical Data</b>	Supply Voltage 24V Current consumption while Switch energizes: <30mA Quiescent consumption current: <10mA Relay contact: 3A,250Vac/30Vdc Response speed: <50Millisecond Work temp.: -5~+60℃ No water, relay contact open For water, relay contact closed
4	<b>Sensor Material</b>	Aluminum Alloy
5	<b>Coating Color</b>	Dark-blue(Anti-oxidation)
6	<b>Cable spec.</b>	Double-insulated Cable 5x0.3 (Standard) 2M (Standard)



<b>Drawin g</b>	 <p>The drawing shows a cross-section of a sensor probe assembly. The dimensions are:</p> <ul style="list-style-type: none"> <li>59: Total height of the probe assembly.</li> <li>47: Height of the upper probe section.</li> <li>32: Width of the probe assembly.</li> <li>37: Height of the lower probe section.</li> <li>2000: Length of the probe assembly.</li> </ul>	
<b>Setup</b>	<ol style="list-style-type: none"> <li>1. The probes in the sensor must be downward put on a flat ground or as low as possible.</li> <li>2. If you need to detect micro leakage water, you can put a sponge pad under the probes.</li> <li>3. If you need a bigger drive current, please connect an external relay.</li> </ol>	