

Lead Leak Detection System Ltd.

Water Spot Type Detection Sensor



Product Summary

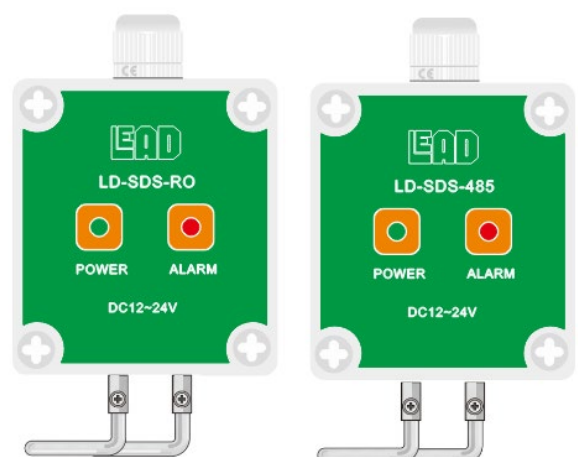
The water immersion sensor is an integrally designed water leakage alarm device. The sensor has an integral structure. The connecting wire and the probe are all placed outside, which is easy to install and has no internal adjustable parts. You only need to adjust the detection height of the probe.

Through its output relay contact signals, remote alarms and remote device control can be realized, The module circuit system adopts a highly sensitive detection principle and is designed with a unique anti-surge protection function, which can not only ensure high sensitivity during detection, but also avoid false alarms caused by various external factors.

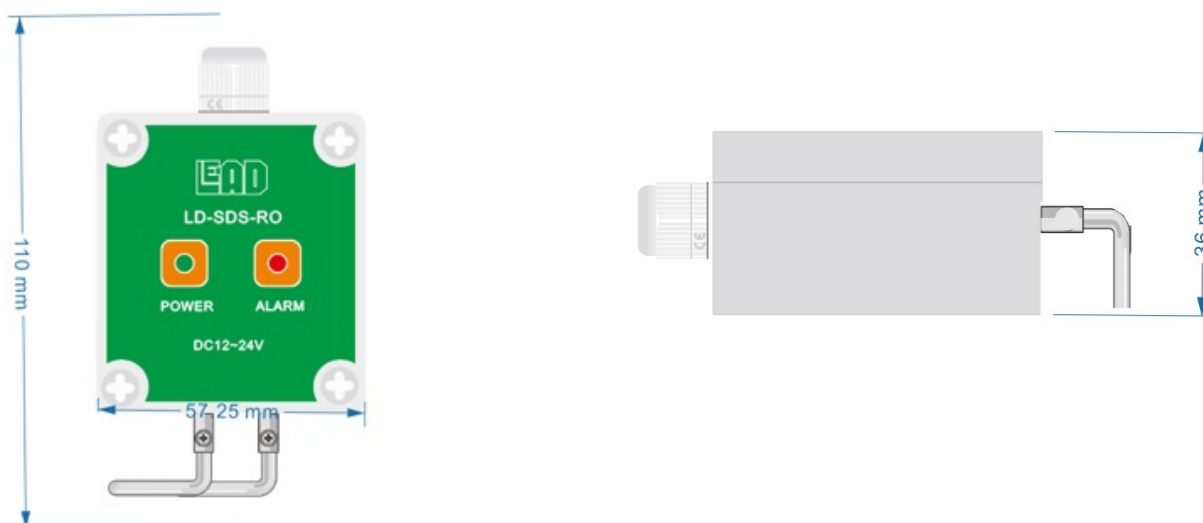
- Fully sealed and waterproof structure can be installed and used in special environments.
- The detection sensitivity can be adjusted to widely respond to different detection needs.
- Adjustable height stainless steel probe, easy to use, longer life.
- Wide voltage power supply 12-24V DC power input
- With alarm indicator and buzzer, the alarm is clear at a glance
- Support the cable break detection with Modbus RTU RS485 output

Available with different option:-

- LD-SDS-RO: Dry contact relay output
- LD-SDS-485: RS485 output



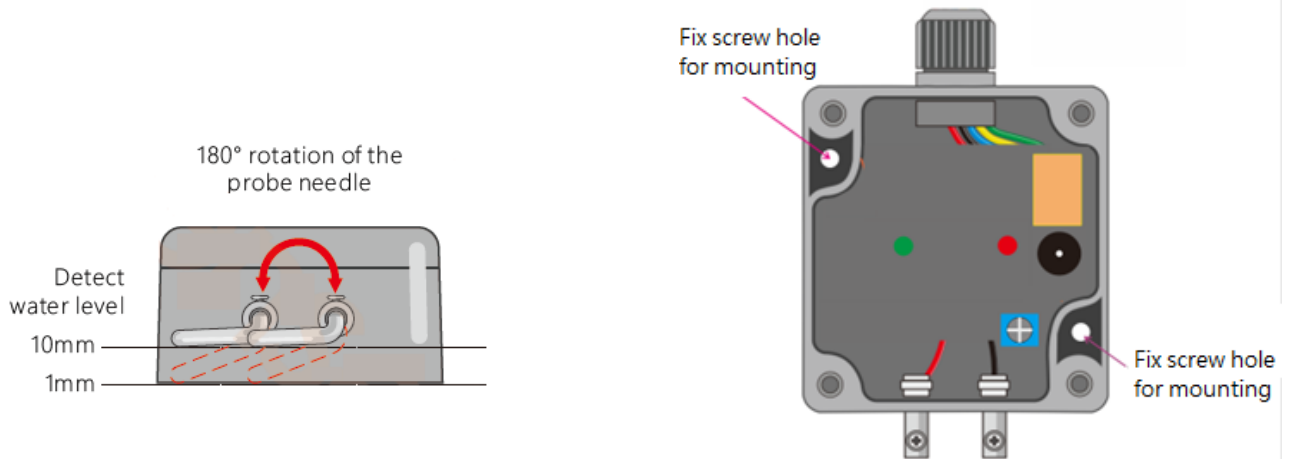
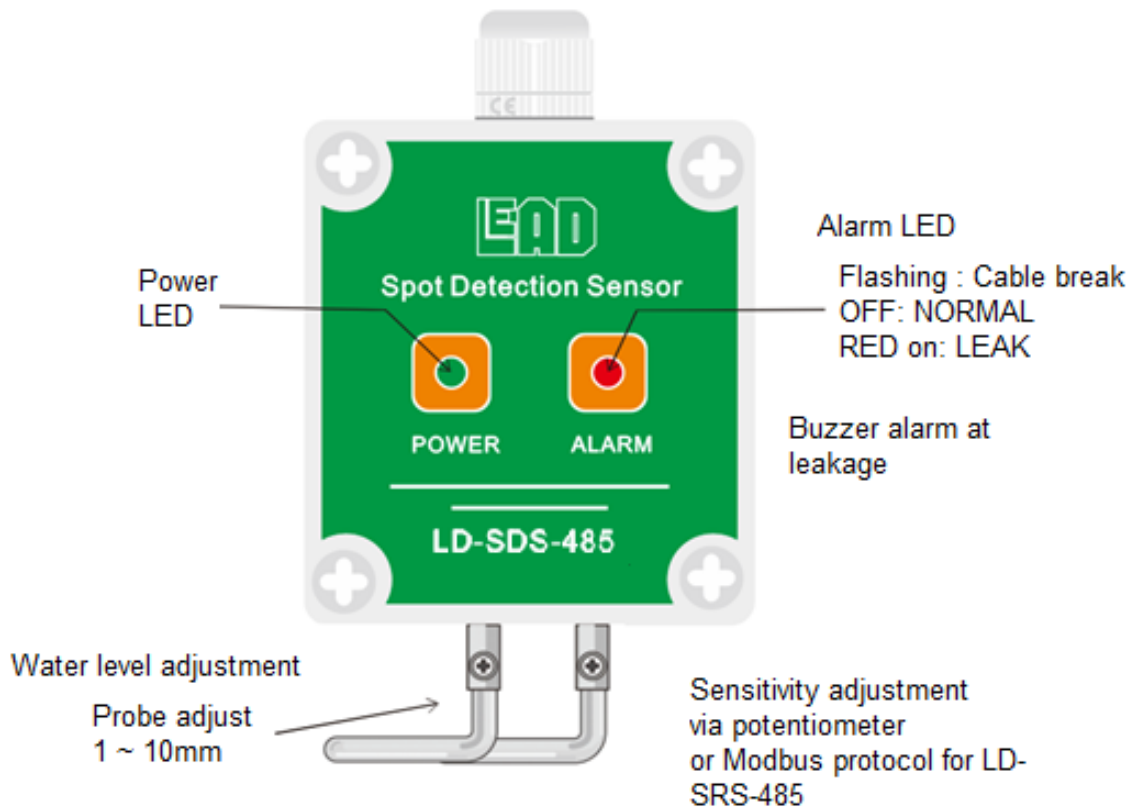
Product information



Technical specification

Detection probe	304 stainless steel, L-type probe or electrode or water sensing cable
Detect water level	Adjustable measuring level 0-15mm
Response time	< 3 seconds
Housing	White ABS
Protection class	IP67
Operating voltage	12-24V DC (non-polar connection)
Operating Environment	Temperature: -20 ~ 70°C Humidity: 0 ~ 95% (non-condensing)
Relay Output	1 x SPDT (Contact Rating 220V AC/0.5A 30V DC/1A)
Cable inlet	5 x 0.3mm RVV cable
Weight	80g
Power consumption	<1.5W

Product details



Various application environment

The point type sensor is waterproof and can be used in humid environments for a long time (stainless steel probes are more favourable). The point type sensor



can also be installed on the wall through two fixing screws.

When installing the point type sensor, please be make sure with power OFF, follow the operation instructions with the correct wiring and check if it is correct before power ON.

Water sensing cable can be also mounted at probe position as an U-shape detection zone (loop shape detection). Or the water sensing cable can be mounted at probe position along the detection area.



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2024.10

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