

Point Type Sensor LD-SDS-RO / 485

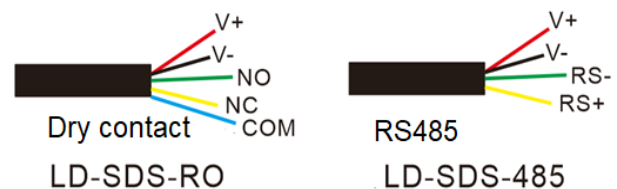
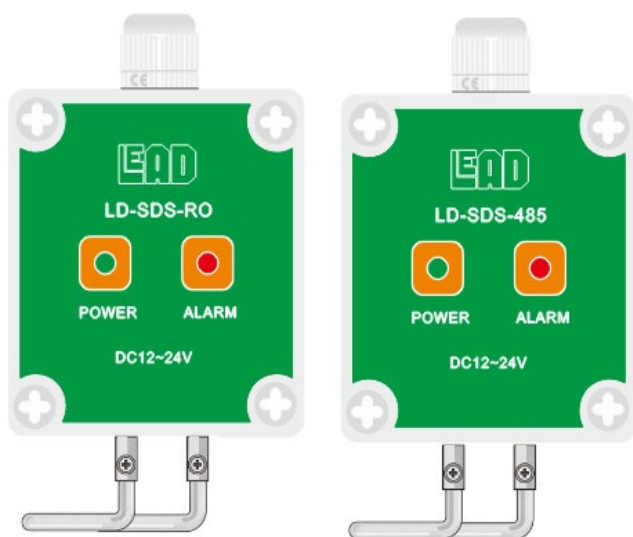


Product Datasheet

Product overview

The water spot type leakage sensor LD-SDS-RO/485 is an integrally designed water leakage alarm device. The sensor has an integral structure. The connecting wire and the probe are all located outside, which is easy to install and has no internal adjustable parts. User 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. Its modular system adopts a highly sensitive detection principle and is designed with a unique anti-surge protection function, which can ensure high sensitivity during detection, but also avoid false alarms caused by various external factor.



Note: Available with different options:

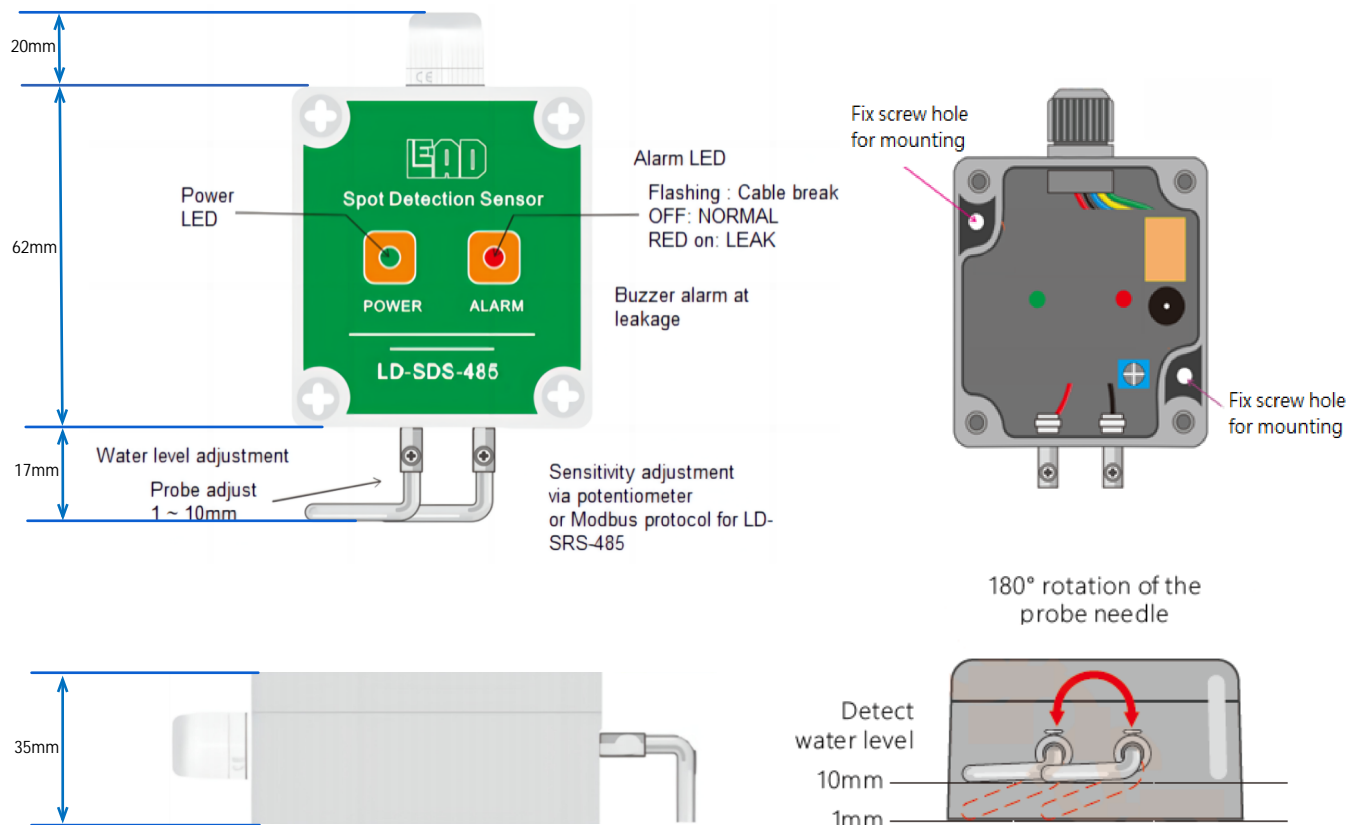
*LD-SDS-RO:
Dry contact relay output
(standard version)

*LD-SDS-485:
RS485 output

Features

- The detection sensitivity can be adjusted to widely respond to different needs.
- Adjustable height stainless steel probe, easy to use, longer life.
- With alarm indicator and buzzer, the alarm is clear at a glance.
- Fully sealed and waterproof structure can be installed and used in special environments.

Product details



Technical data

Detection probe	304 stainless steel, L-type probe or electrode or water sensing cable
Detect water level	Adjustable measuring level 0-15mm
Response time	<3s
Housing	White ABS
Protection class	IP65
Power supply	12~24V DC
Power consumption	< 1.5W
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
Terminal wiring	*LD-SDS-RO: Red (DC+) Black (DC-) Green (NO) Yellow (NC) Blue (COM) *LD-SDS-485: Red (DC+) Black (DC-) Green(RS+) Yellow (RS-)

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 robust). 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 (U-loop shape detection). Or a long water sensing cable can be mounted at probe position along the required water leakage detection location.

Connect to terminal



Product	Features	Product code
Master panel	 <p>Can connect 500m sensor cable, 100 units of slave panels (LP-LPM, LD-LPD-2RLB, point type sensor). Set the address and sensitivity of the locating panel</p>	LP-LPM
Detection panel	 <p>Detect the leak location Acceptable sensing cable length: up to 800m</p>	LD-LPD-2RLB
	 <p>Collect point type sensor leakage signals Quantity of point type sensors connected: up to 12</p>	LM-D12
	 <p>Panel: Detect the multiple leak location with LP-SM Acceptable sensing cable length: up to 800m Sensor</p> <p>module: Maximum 50m sensing cable per each module. Maximum 16 sensor modules LP-SM for each LD-LPD-MPDM</p> 	LD-LPD-MPDM & LP-SM
	 <p>Detect liquid leak and display the current system status</p>	LP-NP
Sensing cable	 <p>Water sensing cable</p>	WS-LXXX
	 <p>Oil sensing cable</p>	LD-LLW5000-LXXX
	 <p>Chemical sensing cable</p>	CS-LXXX
	 <p>Organic solvent sensing cable</p>	LD-LLW5001-LXXX
	 <p>Cotton base water sensing cable</p>	LD-LLW1002-LXXX
Point type sensor	 <p>Protection class: IP65</p>	LP-LGM
	 <p>Fully sealed and waterproof structure More flexible. Protection class: IP65</p>	LD-SDS-RO/485

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Note: In the interest of product improvement, specifications are subject to change without notice.

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