Water immersion sensor

Product Model: SEN101-2113A

The water immersion sensor is based on the principle of liquid conduction. It uses electrodes to detect whether there is water, and then converts it into a dry contact output through the detector to issue an alarm.

Features



- ☑ Moisture-proof, anti-condensation, anti-leakage, protection class Ip68
- ☑ High-efficiency lightning protection, strong anti-RF and electromagnetic interference protection
- ☑ High frequency response, good long-term stability

Scope of application

◇ It is a low-cost leak detection solution for leak detection in small areas such as small computer rooms, laboratories, base stations, and museums.Fast response, high cost performance, easy installation and so on.

Technical parameter

Measuring range	Minimum water depth ≤ 2mm	Transfer method	RS485
Protocol	MODBUS-RTU	Supply voltage	24VDC (12~30V)
Power consumption	25mA@24V (MAX)	Precision	Switch
Operating temperature	-10～+50℃, 20%～90%RH, no frost	Long-term stability (1 year)	±0.1%FS
Response time	Alarm response≤2S	Protection class	IP68

Electrical interface and wiring method

Straight out:

	Thread color	Function definition
1	red	Dc24 power supply (+)
2	black	Dc24 power supply (-)
3	green	RS485A
4	White	RS485B

Note: The specific wiring is subject to the product line standard.