

Water Leakage Monitoring and Alarm Unit


NEPEAN Power's leak detection controller kit is a liquid leak detection device with simple operation and high-cost performance. It can select different sensing sensitivities allowing it to be used in different detection environments and grade requirements. The relay contact signal output can be integrated with various monitoring systems and remote monitoring.



- Stable and reliable: Using industrial-grade electronic components, not only ensures high sensitivity during detection, but also reduces false alarms caused by various external factors.
- It adopts an electromagnetic compatibility design, with anti-surge, anti-static, anti-EFT protection functions.
- Adjustable sensitivity: Low to high on the controller panel.
- 12-24VDC Power supply rated.
- Easy operation: The controller adopts standard industrial modules and DIN rail installation; on-site wiring can be easily completed through the wiring terminals.
- When leakage occurs, the relay will act, and the leakage indicator will be on. After the risk is eliminated, the controller will automatically return to the normal state without manual on-site operation.
- One key silence function: There is a buzzer off button on the controller panel, and the internal buzzer can be turned off by this button.

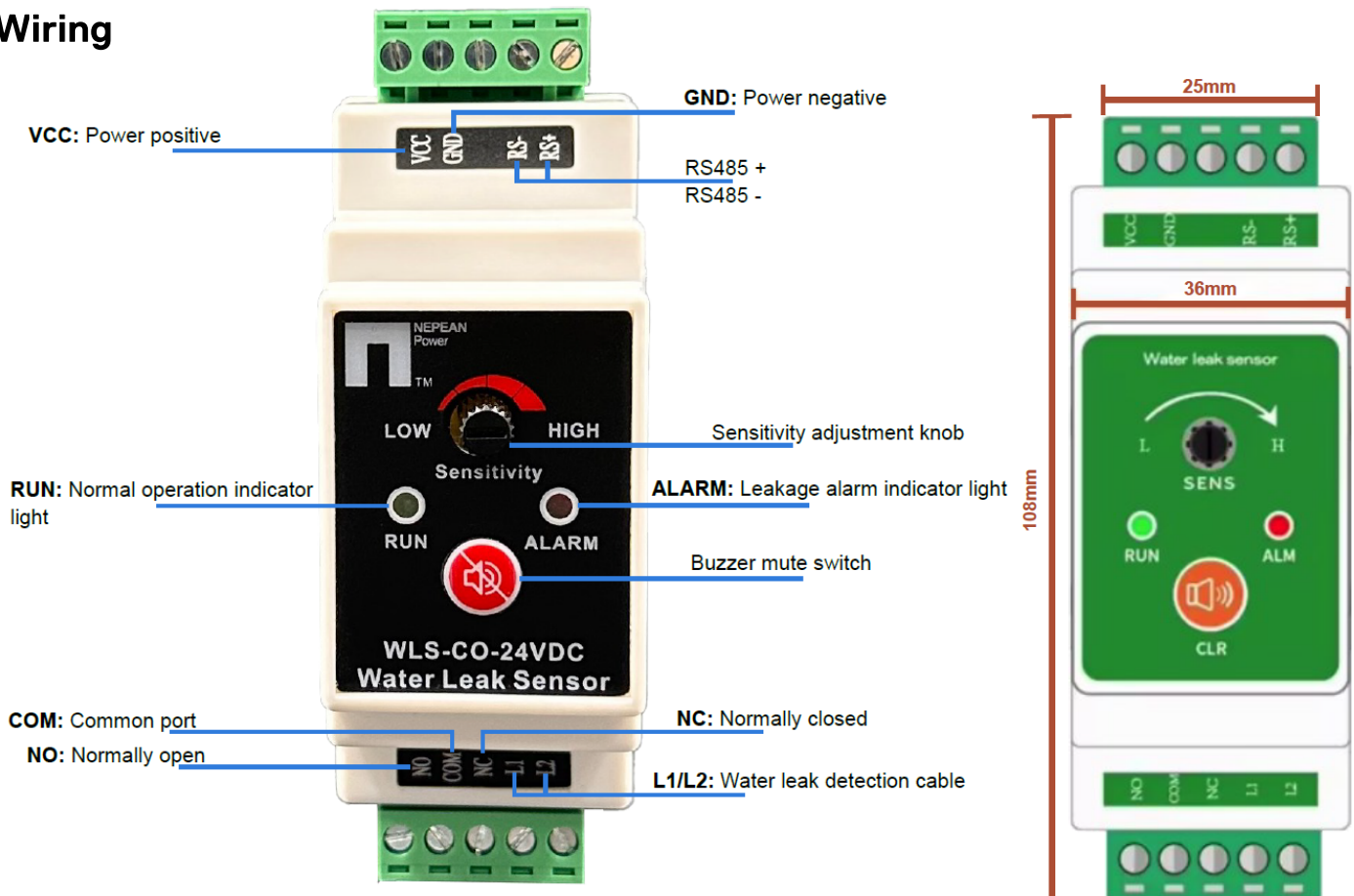
Ordering Information

The water leak detection system is composed of controller, sensing cable and mounting accessories.

Part Number	Description
WLS-CO-24VDC	<p>Kit includes:</p> <ul style="list-style-type: none"> • 1 x Non-location water leak controller (relay output). • 10 x Meters of non-location water leak cable with connectors. • 5 x Cable clip, cable can be fixed to the ground or wall. 

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Wiring



Technical Specification

General features	Maximum Length Accuracy	500 Meters 100%
Environmental rating	Storage Temperature Operating Temperature Humidity	-40°C ~ 60°C (0°F~140°F) -20°C ~ 50°C (32°F ~ 122°F) 5~95% (non-condensing)
Power	12/24VDC, 3W	
Relay contact	Function	NO/NC change-over relay output
Network configuration	RS-485 two-wire network, Optional baud rates, factory default 9600 Optional address is 0~255, factory default 0	
Communication protocol	MODBUS RTU	

Notes

- This product is an electronic device, please follow precautions to avoid damage to electronic components.
- Do not modify or disassemble.
- Do not touch with wet hands when power connected.
- Before installing the device, check the rated voltage and power supply voltage.
- When using the relay output, confirm the rated load of the device connected.
- Avoid using organic solution during regular inspection and maintenance and use dry cotton yarn to wipe.
- Avoid contact with metal filings, grease, pipe paint and other contaminants.