

Non-Locating Panel LP-NP



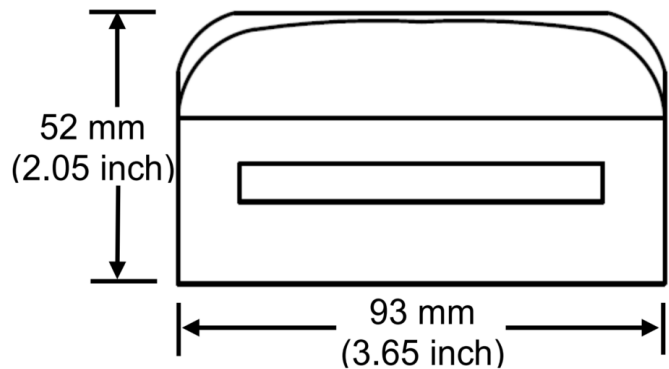
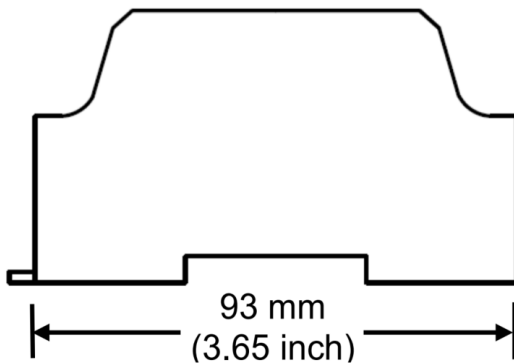
Product Datasheet

Product overview

LEAD leak detection system uses non locating panel to detect liquid leak and communicates to BMS system. The alarm and power LEDs display the current system status.



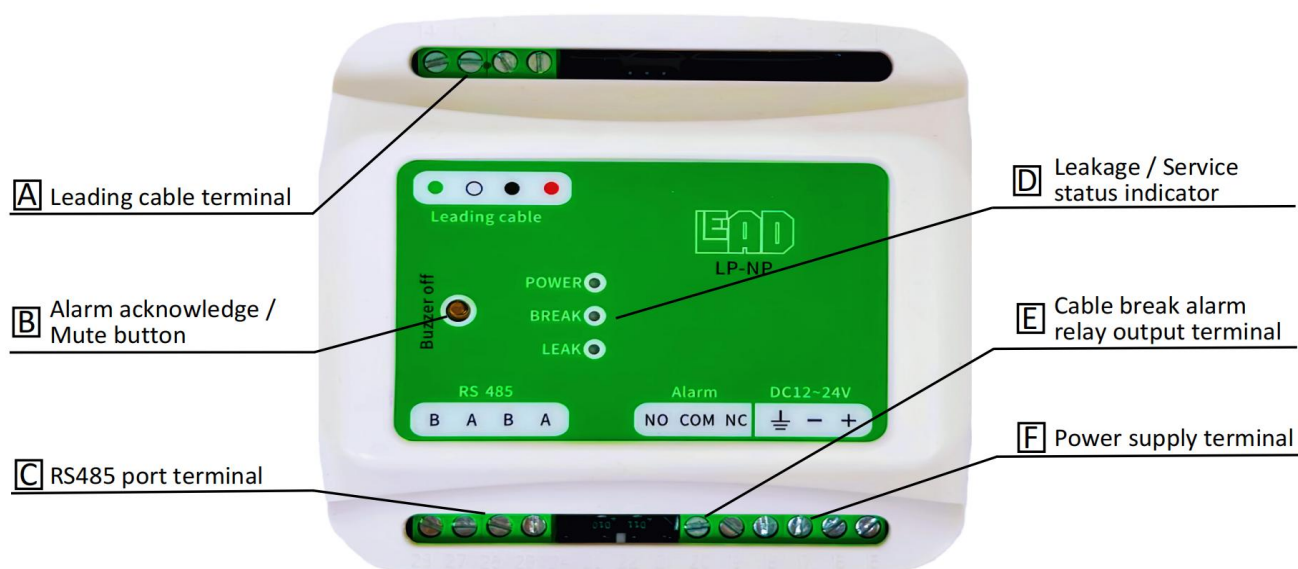
Note: The LP-NP is a non-locating panel. Its general functions and wiring details are almostly the same as the LD-LPD-2RLB panel. If locating function is required, customers can refer to LD-LPD-2RLB datasheet.



Features














- Two power supply terminals.
- Alarm acknowledges button / Alarm sound mute function included.
- LED indicators show the operation and alarm status. DIRECTIVE 2011/6S/EU.
- Sensing cable sensitivity and resistance value are adjustable for different environment and application.

Function map



Technical data

Power supply	DC12-24V150mA 5W
Length of sensing cable	Up to 200m
Relay output	Relay SPDT x 1, dry contact, AC 110-AC 230 / DC 30V 1A
Sensitivity	<3s
Communication port	RS485
Communication	Modbus RTU
Sound alarm	80dB minimum (Mute function included) 90dB maximum
Operating environment	Temperature:-20°C-60°C Humidity: 95% non-condensing
Altitude	1000m max.
Dimension	L93mm x W93 mm xH52(mm)
Mounting	35mm DIN Rail
Degree of protection	NEMA 1, Standard IP00 (option IP56)
Dimension	93mm x 93mm x 52mm (L x W x H)

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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