

LEVEL & LEAK DETECTION

WEB-ACCESSIBLE LEAK DETECTOR LD2100



RLE
Technologies



DESCRIPTION

The RLE Technologies LD2100 web-accessible leak detectors monitor up to 5000 ft (1524m) of sensing cable (SC) or 3500 ft (1067m) of chemical sensing cable (SC-C). The LED display provides basic information about alarm conditions, while a browser offers a convenient way to configure the unit, access and acknowledge alarms, and view alarm logs. Output communications include a Form C relay, SNMP, Modbus and BACnet. SMTP allows for direct email alarm notification which can be routed to cell phones, PDAs, or other wireless devices.



LD2100

FEATURES

- Adjustable leak, delay and contamination alarm thresholds
- 32 configurable virtual zones
- Interactive leak detection mapping
- HTML interface
- SNMP, Modbus, BACnet and relay output
- Monitors up to 5000 ft (1524m) of sensing cable or 3500 ft (1067m) of chemical sensing cable
- Alarm notification via email
- Quick return to normal status after cable is wiped dry
- Self calibrating



SC Cable - Sold Separately



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LEVEL & LEAK DETECTION

SPECIFICATIONS

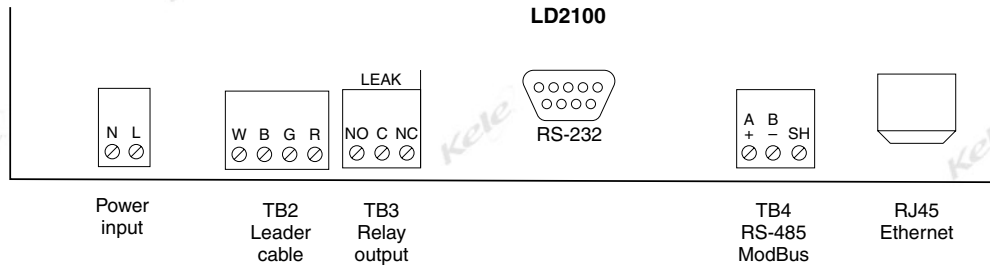
Supply Voltage	24 VAC @ 14.4 VA. 24 VDC @ 600 mA max	LED Indication	1 bi-color power/status (green=power on, red=alarm)
Detection Accuracy	±2 ft (0.6m) ±0.5% of the cable length	Alarm	Visual: Green, alphanumeric, dot matrix LED display, Bi-color status LED
Detection Repeatability	±2 ft (0.6m) ±0.25% of the cable length	Audible	70 dBA @ 2' (0.6 m)
Relay Type	SPDT	Email (Ethernet)	4 Email recipients
Relay Rating	1 A @ 24 VDC, 0.5 A resistive @ 120 VAC	SNMP	4 community strings
Response Time	Adjustable from 5 to 995 seconds	Altitude Limits	15,000 ft (4,572m) maximum
Communication Ports		Logging Samples	Logging capabilities: Logs last 500 events
Ethernet	10/100 BASE-T, 500 VAC RMA isolation	Security Login	1 Web password Read Only, 1 Web password Read/Write
RS-232	9600 baud, no parity, 9 data bits, 1 stop bit	Mounting	Wall mount
RS-485	1200, 2400, 9600 or 19200 baud selectable, no parity, 8 data bits, 1 stop bit	Cable Length	5000 ft (1524m) maximum
Protocol	Terminal Emulation, VT100 compatible	Cable Type	All SeaHawk cables
RS-232	BACnet IP, Modbus TCP, IP, UDP/IP, HTML, SHIMP, TFTP, TCP/IP	Operating Temperature	32° to 122°F (0° to 50°C)
RS-485	BACnet MSTP, Modbus RTU, JCI N2	Operating Humidity	5 to 95% non-condensing
Display	Green, alphanumeric, dot matrix LED	Dimensions	4.25"H x 8.0"W x 1.25"D (10.8 x 20.3 x 3.2 cm)
		Weight	1.5 lb (0.68 Kg)
		Approvals	CE, ETL, CSA C22.2 No. 61010-1, RoHS
		Warranty	1 year



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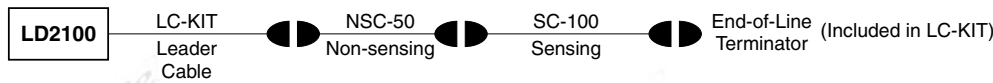
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WIRING

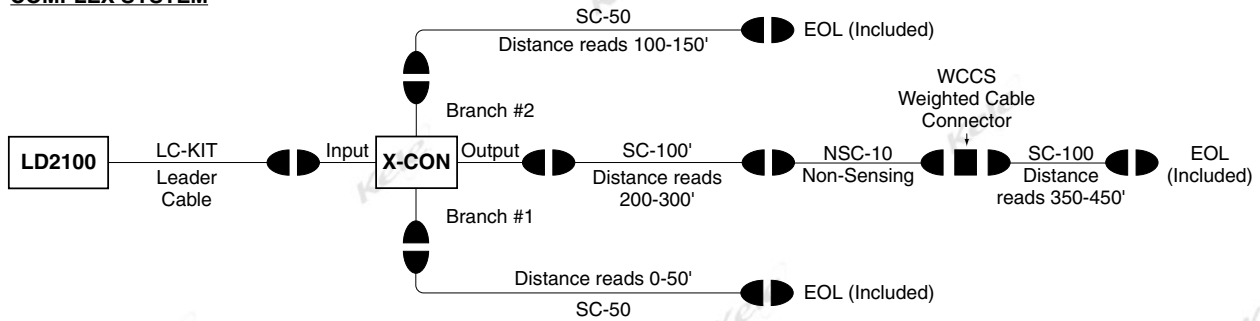


SENSOR WIRING

SIMPLE SYSTEM



COMPLEX SYSTEM



ORDERING INFORMATION

MODEL	DESCRIPTION
LD2100	Water detector includes 15' leader cable and end-of-line connector (order sensing cable separately)

RELATED PRODUCTS

JC-25	Package of 25 cable-securing J clips
JC-200	Package of 200 cable-securing J clips
NSC-10	10' non-sensing cable
NSC-25	25' non-sensing cable
NSC-50	50' non-sensing cable
NSC-100	100' non-sensing cable
SC-10	10' sensing cable
SC-25	25' sensing cable
SC-50	50' sensing cable
SC-100	100' sensing cable
X-CON	X connector single SC input, 3 SC outputs