



# LEVEL & LEAK DETECTION

## LEAK DETECTOR LD1500

### DESCRIPTION

The RLE Technologies LD1500 leak detector offers a reliable leak detection solution. The unit detects the presence of any conductive fluid and identifies the distance to the leak. The distance to the leak can be communicated via various protocols to alarm monitoring and notification systems. The sensing cable is available in standard lengths with non-sensing cable and end connectors. Linked end-to-end these connections allow for custom installation of any application space. The LD1500 can monitor up to 1500 ft (457m) of sensing cable or 1050 ft (320m) or chemical sensing cable.



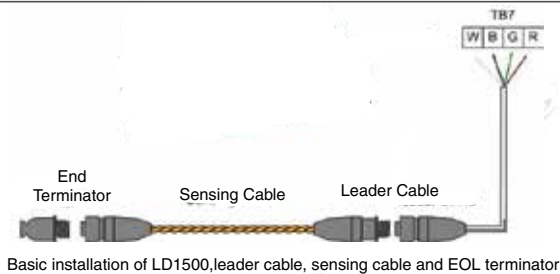
LD1500



### FEATURES

- Water sensing cable detector
- Adjustable leak, delay and cable contamination alarm thresholds
- SNMP, Modbus and BACnet communications
- Quick return to normal status after cable is wiped dry
- Modbus (RS-485) integration with LD2100 and LD5100
- HTML interface
- Self calibrating

### WIRING



### SPECIFICATIONS

<b>Supply Voltage</b>	24 VAC @ 14.4 VA; 24 VDC @ 600 mA max	<b>Response Time</b>	red=alarm)
<b>Accuracy</b>	±2 ft (0.6m) plus ±0.5% of the cable length	<b>Alarm</b>	Adjustable from 5-995 seconds
<b>Repeatability</b>	±2 ft (0.6m) plus ±0.25% of the cable length	<b>Logging Samples</b>	Bi-color status LED
<b>Communication Ports</b>		<b>Security Login</b>	Logging capabilities: Logs last 10 events Web browser access: 1 Web password read only, 1 password read/write
<b>Ethernet RS-232</b>	10/100 BASE-T, 500 VAC RMS isolation 9600 baud, no parity, 9 data bits, 1 stop bit	<b>Mounting</b>	Wall mount
<b>RS-485</b>	1200, 2400, 9600 or 19200 baud (selectable), no parity, 8 data bits, 1 stop bit	<b>Cable Length</b>	1500 ft (457.2m) maximum
<b>RJ-45</b>	10/100BASE-T Ethernet Port	<b>Cable Type</b>	Water detection cable
<b>Protocol RS-232</b>	Terminal Emulation, VT100 compatible	<b>Operating Temperature</b>	32° to 122°F (°0 to 50°C)
<b>RS-485</b>	BACnet IP, Modbus TCP, IP, UDP/IP, HTML, SHIMP, TFTP, TCP/IP	<b>Operating Humidity</b>	5 to 95% non-condensing
<b>LED Indication</b>	BACnet MSTP, Modbus RTU, JCI N2	<b>Dimensions</b>	3.6"H x 7.0"W x 1.25"D (9.2 x 17.8.0 x 3.2 cm)
	1 bi-color power/status (green=power on,	<b>Weight</b>	1.5 lb (0.68 Kg)
		<b>Approvals</b>	CE, ETL, RoHS
		<b>Warranty</b>	1 year

### ORDERING INFORMATION

MODEL	DESCRIPTION
LD1500	Water detector includes 15' leader cable and end-of-line connector (order sensing cable separately)

#### RELATED PRODUCTS

<b>JC-200</b>	Package of 200 cable-securing J clips
<b>JC-25</b>	Package of 25 cable-securing J clips
<b>NSC-10</b>	10' non-sensing cable
<b>NSC-100</b>	100' non-sensing cable
<b>NSC-25</b>	25' non-sensing cable
<b>NSC-50</b>	50' non-sensing cable
<b>SC-10</b>	10' sensing cable

#### RELATED PRODUCTS

<b>SC-100</b>	100' sensing cable
<b>SC-25</b>	25' sensing cable
<b>SC-50</b>	50' sensing cable
<b>WCCS-50</b>	Weighted cable connector; simulates 50' of sensing cable
<b>X-CON</b>	X connector single SC input, 3 SC outputs