

Distance Read Panel, Touch Screen

LD5200



Helps Eliminate High Humidity False Alarms

FEATURES

- Touch screen interface allows access to basic functions... stand-alone configuration and monitoring
- Web interface offers expanded capabilities through the building mapping tool...pinpoint leaks quickly and accurately
- Multiple communication protocols available...easy integration into building systems
- Acts as a master device for up to 127 leak detection units with up to 1000 feet of SC cable or 7000 feet of SC-C cable... monitor large areas with only one device
- Detailed alarm history with time and date stamps...assists in troubleshooting

DESCRIPTION

LD5200 distance read panel has an innovative touch screen interface that accesses all basic functions. The LD5200 can operate as a stand-alone device, with the user configuring, monitoring, locating, and acknowledging leaks at the panel. It can also be connected to the building network and accessed via a web interface, which expands the capabilities of the unit, adding a convenient interactive facility mapping tool. When a leak is detected, the mapping tool displays the location in the building where the alarm occurred. Multiple communication protocols make the LD5200 readily compatible with existing building systems. Use with our SC, SC-C, or SC-H sensing cable for a complete solution to leak detection.

SPECIFICATIONS

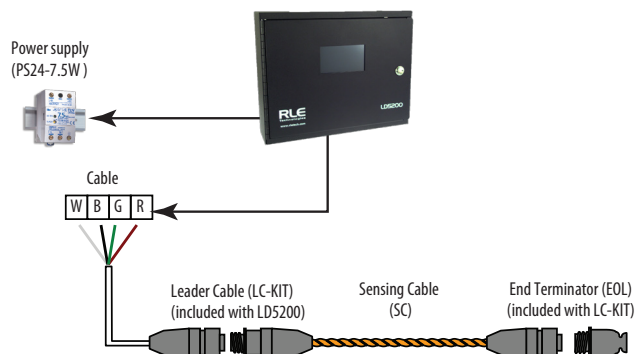
Agency Approvals	CE; ETL listed: conforms to UL 61010-1, EN 61010-1; CAN/CSA C22.2 No. 61010-1; RoHS compliant
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SPECIFICATIONS (continued)

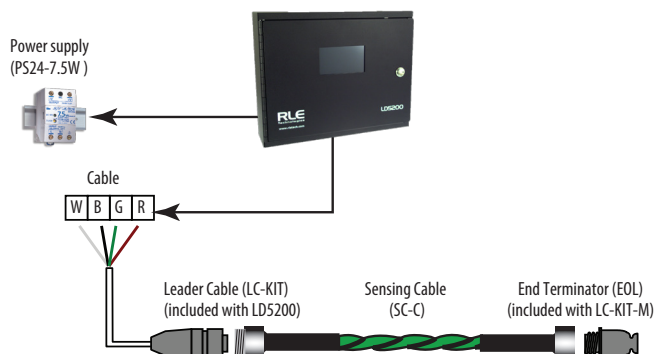
Input Power	100-240VAC@500mA max., 50/60 Hz
INPUTS	
Water Leak Detection Cable LC-KIT or LC-KIT-M	Requires 15 ft. (4.5 m) leader cable kit
Max Length	10000 ft. (3048 m)
Minimum Length	35 ft. (1037 m)
Detection Accuracy	± 2 ft (0.6 m) + 0.5% of the cable length
Detection Repeatability	± 2 ft (0.6 m) + 0.25% of the cable length
Detection Response Time	5-990 sec ± 2 sec, software adjustable in 5 sec increments
OUTPUTS	
Analog	4-20mA Loop Powered, 18-36VDC, RL = 500 Ω max.
Relay	2 Form C Leak Relays, 2 Form C Cable Break Relays; 1A@24VDC, 0.5A resistive@120VAC;configurable for supervised or non-supervised, latched or non-latched
Maintenance Relay	1A@24VDC, 0.5A resistive @120VAC; configurable for supervised or non-supervised, latched or non-latched
COMMUNICATIONS PORTS	
EIA-232	9600 baud, No parity, 8 data bits, 1 stop bit
EIA-485 (Port 1, Port 2, Port 3)	9600, 19200, or 38400 baud (selectable); No parity, 8 data bits, 1 stop bit
RJ-45	10/100 Bast T ethernet port (TCP/IP)
PROTOCOLS	
Terminal Emulation EIA-232	VT100 compatible
Modbus RTU EIA-485	Master and slave; RTU Mode; BACnet MS/TP; N2, slave
RJ-45	Ethernet, TCP/IP; Modbus/TCP/UDP, Master and slave; SNMP V1, V2, V3, NTP, SMTP, DNS, BACnet/IP
ALARM NOTIFICATION	
Audible Alarm	85dBA@2 ft. (0.6 m); re-sound 0-999 min
Visible Alarm	Indicated on LCD touch screen & through web interface
LOGGING CAPABILITIES	
Event Log	Last 1024 events, downloadable to .txt files
Trend Log	Cable current level every day for the last 365 days, downloadable to .txt files
LOGIN SECURITY	
LCD Touch Screen	No password required to view controller status & data. Administrator password limits access to configuration options.
Web Interface	Username and password can be configured
FRONT PANEL INTERFACE	
Display	480 x 272 pixel color backlit LCD touch screen; 95.04 mm x 53-85 mm
OPERATING ENVIRONMENT	
Temperature	0° to 50°C (32° to 122°F)
Humidity	5% to 95% RH non-condensing
Altitude	15000 ft. (4572 m) max.
Mounting	Type 1 wall mount enclosure

WIRING DIAGRAMS

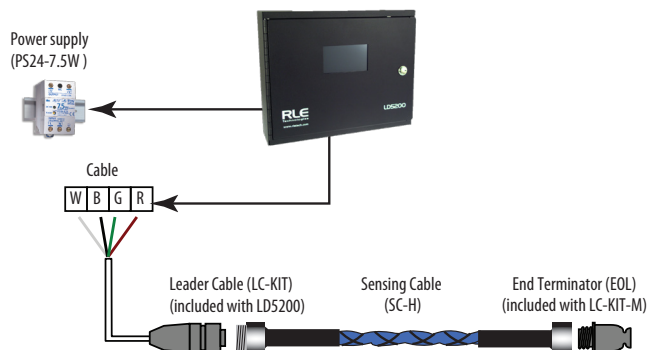
LD5200 Basic SC Installation



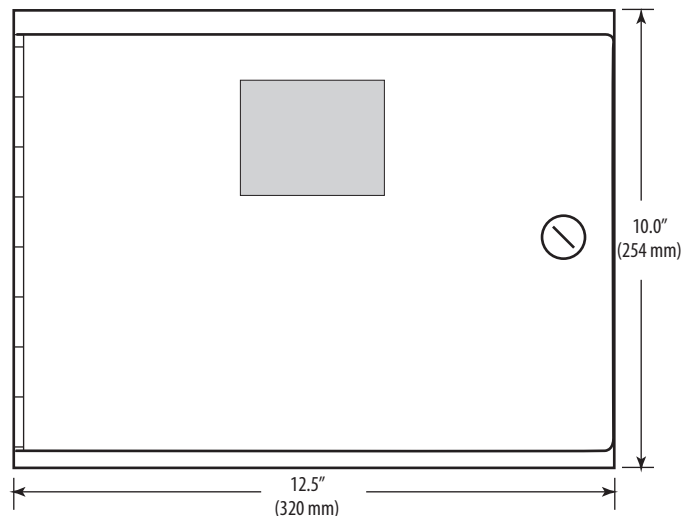
LD5200 Basic SC-C Installation



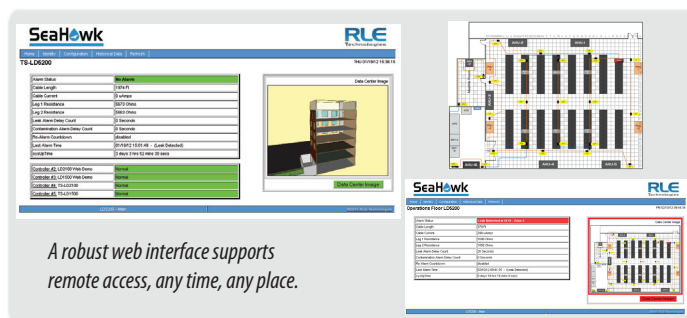
LD5200 Basic SC-H Installation



DIMENSIONAL DRAWINGS



WEB INTERFACE



ORDERING INFORMATION



MODEL	MANUF. PART #	DESCRIPTION
U006-0079*	LD5200*	Leak Panel, Distance Read, supervised, multiple outputs: relay, 4-20mA, Modbus RTU, leader cable and EOL terminator
U006-0035**	LC-KIT**	Leader cable kit for SC cables (connects from leak panel to SC or NSC cable)
U006-0061***	LC-KIT-M***	Leader cable kit for SC-C and SC-H cables (connects from leak panel to SC-C or SC-H cable)
U006-0004	FM1114	Reference map, framed (11" x 14")

*Power supply not included. Use Veris PS24-7.5W power supply or equivalent.

**Included with LD5200.

***Not included with LD5200. Required for installation of SC-C and SC-H cables.