

LEVEL & LEAK DETECTION

CABLE-STYLE WATER DETECTOR LD310 SERIES



RLE
Technologies

DESCRIPTION

The RLE Technologies LD310 cable-style water detector reports the presence of water within a predetermined zone. The LD310 is a single zone system with both a visual and audible alarm indicator as well as a separate output relay for leak and fault detection. The LD310 continuously monitors leak sensing cable and is ideal for small areas. If conductive fluid contacts the sensing cable anywhere along its length. If the sensing cable is cut or comes loose, the module will activate a cable fault by flashing the LED and activating a fault relay.

NEW!



LD310



FEATURES

- *Flexicible water sensing cable, dry contacts alarm fluid w/ fault detection*
- *Audible alert that is jumper selectable on/off*
- *Push-button switch allows users to test and reset the system and silence audible alarm*
- *Monitors up to 300 ft (91 m) of water sensing cable*

SPECIFICATIONS

Supply Voltage	5 VDC (± 10%) @ 100 mA	Operating Humidity	5 to 95% non-condensing
Relay Type	Two Form C alarm relays (leak and fault)	Altitude Limits	15,000 ft (4,572m) maximum
Relay Rating	1 A @ 24 VDC, 0.5 A resistive @ 120 VAC	Mounting	Surface mount
LED Indication	Normal Operation: Green; Cable Fault: Flashing Orange; Leak Detected: Flashing Red	Cable Length	300 ft (91m) maximum of conductive fluid sensing cable or 210 ft (64m) of chemical sensing cable (req. LC-KIT-M)
Response Time	<20 seconds, 10 sec typical	Dimensions	2.7"W x 4.4"H x 1.38"D (6.8 x 11.2 x 3.5 cm)
Sensitivity	3 jumper settings	Approvals	CE, ETL, RoHS
Audible Alarm	85 db @ 4: w/enable, disable	Weight	0.2 lb (0.09 Kg)
Operating Temperature	32° to 122°F (0 to 50°C)	Warranty	1 year

ORDERING INFORMATION

MODEL	DESCRIPTION
LD310	Water detector includes 15' (4.6m) leader cable and end-of-line connector (order sensing cable separately)
LD310-10KIT	Water detector kit includes LD310 detector, 15' (4.6m) leader cable, 10' (3.05m) sensing cable and end of line connector
LD310-25KIT	Water detector kit includes LD310 detector, 15' (4.6m) leader cable, 25' (7.62m) sensing cable and end of line connector
LD310-50KIT	Water detector kit includes LD310 detector, 15' (4.6m) leader cable, 50' (15.2m) sensing cable and end of line connector
LD310-100KIT	Water detector kit includes LD310 detector, 15' (4.6m) leader cable, 100' (30.5m) sensing cable and end of line connector

RELATED PRODUCTS

JC-25	Package of 25 cable-securing J clips
NSC-10	10' non-sensing cable
NSC-100	100' non-sensing cable
NSC-25	25' non-sensing cable
NSC-50	50' non-sensing cable
SC-C-10	10 ft (3.1m) Chemical sensing cable (requires LC-KIT-M)
SC-C-25	25 ft (7.7m) Chemical sensing cable (requires LC-KIT-M)
SC-C-50	50 ft (15.4m) Chemical sensing cable (requires LC-KIT-M)
SC-C-100	100 ft (30.8m) Chemical sensing cable (requires LC-KIT-M)
LC-KIT-M	SC-C leader cable & end-of-line terminator
LC-KIT-REPLACEMENT	Replacement 15' (4.6m) leader cable and end-of-line connector
SC-10	10 ft. (3.1 m) sensing cable
SC-17	17 ft. (5.2 m) sensing cable
SC-25	25 ft. (7.7 m) sensing cable
SC-50	50 ft. (15.4 m) sensing cable
SC-100	100 ft. (30.8 m) sensing cable
DCP-524	Power supply, 24 VAC IN to 24 VDC and 5 VDC OUT