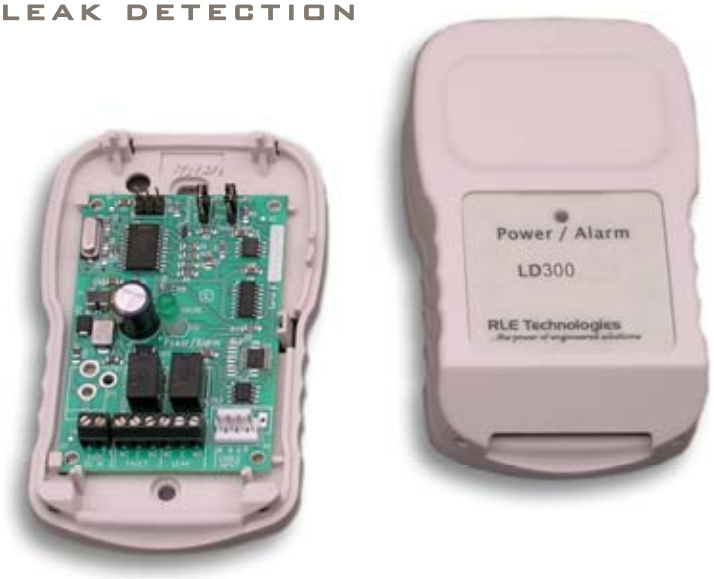
SEAHAWK LEAK DETECTION



Designed for use with RLE patented SeaHawk Water Leak Detection Cable, the SeaHawk LD300 reports the presence of water and any other conductive fluid within a predetermined zone. The LD300 is a single zone system with a visual alarm indicator and two output relays for leak and fault.

The LD300 module continuously monitors up to 300 feet (100m) of SeaHawk Water Leak Detection Cable and is ideal for small areas. If conductive fluid contacts the sensing cable anywhere along its length, the module will activate a leak relay, and flash the LED, clearly indicating fluid has been detected.

Additionally, if the sensing cable is cut, has a poor connection, or continuity is lost for any reason, the module will activate a cable fault by flashing the LED and activating a fault relay. The LD300 also features jumper selectable leak detection thresholds for adjusting the sensitivity of the leak/fault detection circuit.

Key Features & Benefits

- Virtually eliminates false alarms due to adjustable leak and contamination alarm thresholds
- Dual dry contact outputs that isolate fluid detection from a cable break/contamination fault
- Visual status condition via LED indicator that distinguishes normal conditions from alarm conditions
- Two relay outputs (Form C) allow for integration into other monitoring systems
- Monitors up to 300' (100m) of SeaHawk sensing cable
- Configurable for supervised or non-supervised operation to ensure that critical alarms are not missed
- Lightweight enclosure that is quick and easy to install
- Extremely cost-effective water detection solution

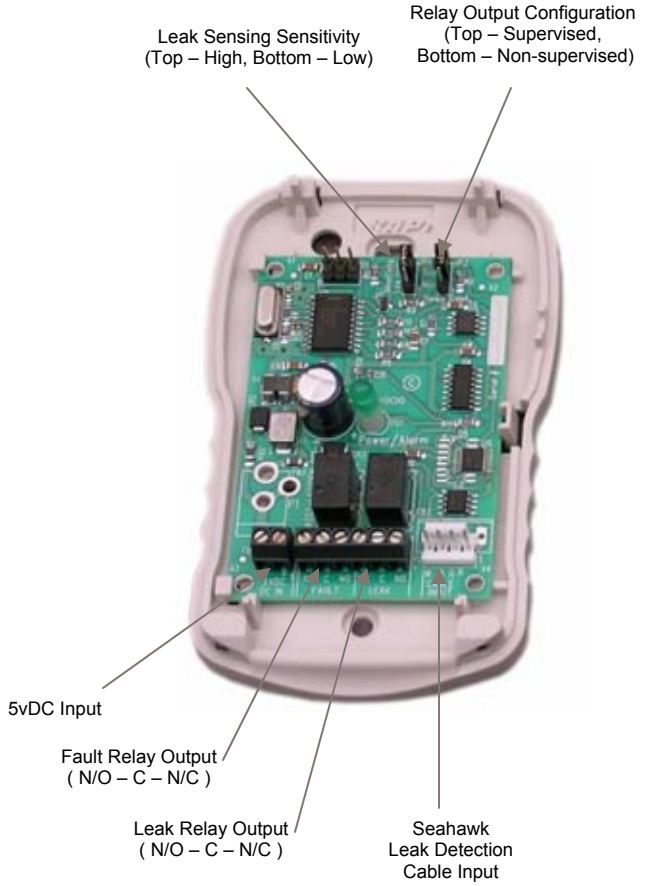
LD300

Specifications

Power	5VDC (±10%) @ 100mA max. (Isolated)
Inputs	
Water Leak Detection Cable	Leader cable not supplied; cable required
Maximum Length	300' (100m)
Detection Response Time	<20sec; 10sec typical
Outputs	
Relay	2 Form C Alarm Relays (leak and fault); 1A @ 24VDC, 0.5A resistive @ 120VAC; configurable for supervised or non-supervised
Alarm Notification	
Audible Alarm	Not applicable
Front Panel Interface	
LED Indicators	1 green Power/Status (green= on/normal; flash rate indicates cable fault or leak detected)
Operating Environment	
Temperature	32° to 122°F (0° to 50°C)
Humidity	5% to 95% RH, non-condensing
Altitude	15,000' (4,572m) max.
Storage Environment	-4° to 158°F (-20° to 70°C)
Dimensions	2.7"W x 4.4"H x 1.1"D (69mmW x 112mmH x 28mmD)
Weight	3oz. (84g)
Mounting	Vertical wall mount
Certifications	CE

CE

Wiring Diagram



Installation & Setup

The LD300's output relays are labeled for an unenergized state. Therefore, the labeled relay output (N/O – C – N/C) is for an unenergized relay.

To install the LD300:

1) Secure the LD300 to a wall with provided hardware.

2) Attach a length of Seahawk Leak Detection cable with a leader cable (LD-LC-15C) connecting the LD300 to the sensing cable (SC).

3) Wire power (5vDC) to the LD300.

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SeaHawk