



# SeaHawk LD300

**D**esigned for use with RLE patented SeaHawk Water Leak Detection Cable (sensing cable), the SeaHawk LD300 reports the presence of water or any conductive fluid within a predefined zone. The LD300 is a single zone system with a visual alarm indicator and Form C output relays for leak and fault alarms. If the sensing cable is cut, has a poor connection, or loses continuity, the module will indicate a cable fault alert by flashing the LED and activating a fault relay. The LD300 is used with applications requiring integration into an existing monitoring system via digital dry contacts.

The LD300 also features jumper selectable leak detection thresholds for adjusting the sensitivity of the leak detection circuit.

The LD300 can accommodate a continuous run of up to 300 feet (91.44m) of sensing cable and is ideal for small areas. Common applications of this system include data centers (around condensate pans), clean rooms, telecommunication centers and other critical areas. The LD300 offers a reliable leak detection solution that mitigates potential water damage, costly business outages, and downtime.

## Features

- Adjustable leak alarm sensitivity thresholds
- Two Form C output relays (leak and fault)
- LED indicator
- Configurable for supervised or non-supervised operation
- Lightweight design
- Cost-effective water detection solution
- Quick return to normal

## Benefits

- Virtually eliminates false & nuisance alarms
- Allows for integration into other monitoring systems
- Distinguishes normal conditions from alarm conditions
- Ensures that critical alarms are not missed
- Easy, fast to install
- Quality leak detection at a low cost

# Leak Detection

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# LD300 Specifications

<b>Power</b>	5VDC (±10%) @ 100mA max (Isolated); requires power supply: WA-DC-5-ST (not included)
<b>Accessories</b>	Leader cable and EOL terminator (LC-KIT; included), caution tags (SC-T), framed reference map (FM1114), leak detection cable (sensing cable; SC-xx), non-sensing cable (NSC-xx), spot detector (SD-Z), X-Connector for cable branching (X-CON), weighted cable connector (WCCS-50), J-Clips for securing cable (JC-xx)
<b>Inputs</b>	
Water Leak Detection Cable	Compatible with SeaHawk Sensing Cable (not included)
Cable Input	Requires SeaHawk LC-Kit: 15ft (4.57m) leader cable and EOL (included)
Maximum Length	300ft (91m)
Detection Response Time	<20sec; 10sec typical
<b>Outputs</b>	
Relay	2 Form C Alarm Relays (leak and fault); 1A @ 24VDC, 0.5A resistive @ 120VAC; configurable for supervised or non-supervised
<b>Alarm Notification</b>	
Audible Alarm	Not applicable
Visual Alarm	Bi-color power/alarm LED
<b>Front Panel Interface</b>	
LED Indicators	Power/Status: 1 green (on/normal); flash rate indicates cable fault or leak detected
Cable Fault Flash Rate	½ second on - 2 ½ second pause
Leak Detected Flash Rate	½ second on - ½ second pause
<b>Operating Environment</b>	
Temperature	32° to 122°F (0° to 50°C)
Humidity	5% to 95% RH, non-condensing
Altitude	15,000ft (4,572m) max.
<b>Storage Environment</b>	-4° to 158°F (-20° to 70°C)
<b>Dimensions</b>	2.7"W x 4.4"H x 1.1"D (69mmW x 112mmH x 28mmD)
<b>Weight</b>	3.0 oz. (85.0g)
<b>Mounting</b>	Surface mount
<b>Certifications</b>	CE; ETL listed: conforms to UL STD 61010-1, EN STD 61010-1; RoHS compliant



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