

SEAHAWK LEAK DETECTION



The SeaHawk LD1000 is a single zone detection panel that detects and reports the presence of any conductive fluid along the length of SeaHawk Leak Detection Cable (sensing cable) connected to the panel. As a supervised system, the LD1000 continuously monitors up to 1,000 feet (305m) of sensing cable and/or SeaHawk SD-Z spot detectors (water sensors) for breaks and misconnections.

When the presence of any conductive fluid—such as water—is detected, or if the sensing cable is cut, has poor connection, or continuity is lost, the LD1000 control panel visibly and audibly annunciates the alarm condition. The audible alarm is user configurable for audible or non-audible. Users can also adjust the sensitivity of the system to help prevent nuisance and false alarms.

The LD1000 offers a reliable leak detection solution that mitigates potential water damage, costly business outages, and downtime.

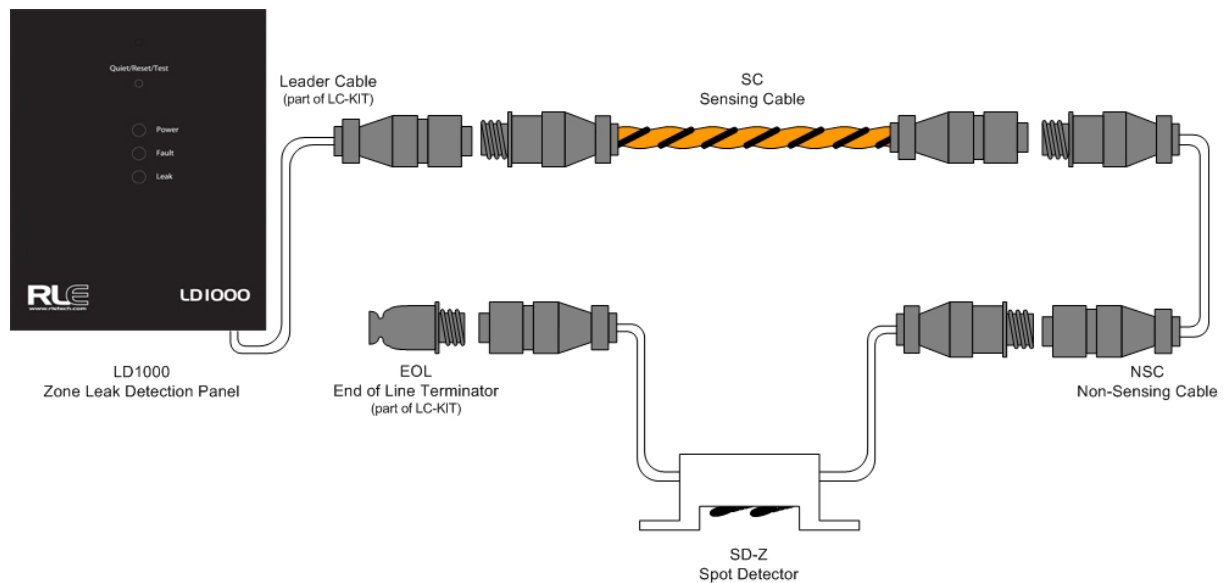
Features

- Monitors up to 1,000 feet (305m) of SC
- Three LED indicators - Power, Leak, Fault
- Adjustable sensitivity settings
- Selectable audible alarm annunciation
- Wall mount enclosure
- Form C output relays for leak and fault alarms
- CE, ETL listed & RoHS compliant

Benefits

- Great for smaller areas
- Visually displays alarms for Power, Leak, or Cable Fault
- Virtually eliminates false alarms
- Flexible alarm notification
- Simple installation and setup
- Form C output relays for leak and fault alarms
- Environmentally friendly

Illustration of Application



Specifications

Power	24VAC/VDC ($\pm 10\%$) @ 300mA max.; requires power supply: WA-DC-24-ST (not included)
Inputs	
Water Leak Detection Cable Cable Input	Compatible with SeaHawk Sensing Cable (not included) Requires SeaHawk LC-Kit: 15ft (4.57m) leader cable and EOL (LC-Kit included)
Maximum Length	1,000ft (305m)
Detection Response Time	Configurable for 10sec or 2min, $\pm 10\%$
Outputs	
Relay	1 Form C Leak Relay, 1 Form C Cable Fault Relay, configurable to 2 Summary Alarm Relays; 1A @ 24VDC, 0.5A resistive @ 120VAC; configurable for supervised or non-supervised, latched or non-latched
Alarm Notification	
Audible Alarm	85DBA @ 2ft (0.6m); Selectable
Front Panel Interface	
LED Indicators	Power: 1 green (on/off); Cable Fault: 1 amber; Leak Detected: 1 red
Push Buttons	Quiet: 1; Reset: 1; Test: 1
Operating Environment	
Temperature	32° to 122°F (0° to 50°C)
Humidity	5% to 95% RH, non-condensing
Altitude	15,000ft (4,572m) max.
Storage Environment	-4° to 158°F (-20° to 70°C)
Dimensions	4.125"W x 5.5"H x 2.25"D (105mmW x 140mmH x 58mmD)
Weight	27.0 oz. (765.4g)
Mounting	Vertical wall mount
Certifications	CE; ETL listed: conforms to UL STD 61010-1, EN STD 61010-1; UL508A / CUL508A; FCC Part 15; RoHS compliant



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