

# Leak Detection

Fluid leaks are one of the most common causes of preventable downtime, and adequate leak detection systems can prevent up to 79% of unplanned downtime events.

Parameter provides technology that detects leaks as soon as they occur and interfaces with your infrastructure to resolve fluid hazards before they damage critical assets.

## PARAMETER'S SOLUTIONS



### Distance

Cable length up to 10,000 feet with wireless range up to 1600 feet.



### Accuracy

Map-applied distance read with an accuracy of  $\pm 2\text{ft}$  /  $\pm 0.5\%$  of cable length.



### Distance

Proven industrial durability that stands up to foot traffic and extended use.



### No Subscription Fees

Integrated Web Control comes at no extra cost and no recurring fees.



### Security

Data is stored locally to minimize security risks on web-based products.



### No False Alarms

Sensitive fluid detection that doesn't alert for minor condensation.



### Resettable

Reusable cable with easy drying for a short reset time.



### BMS Integration

Universal BMS integration systems can natively interface with any operating protocols.

## SENSORS

### Sensing Cable

Sensing Cable for Conductive, Chemical, and Low Smoke Zero Halogen Fluid Detection.

### Spot Detectors

Spot detectors sense fluid leaks in set locations and immediately alert relevant personnel.

## CONTROLLERS

### Distance Read

Distance read controllers pinpoint the precise location of a leak along cable length.

### Zone Read

Distance read controllers pinpoint the precise location of a leak along cable length.

# LEAK DETECTION

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## 01 Powered by RLE Leak Detection SENSORS

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### SENSING CABLES

#### SC: Conductive Fluid Sensing Cable

Our conductive fluid leak detection sensing cable (SC) detects the presence of water leaks and other conductive fluids.

#### SC-C: Chemical Sensing Cable

Our green chemical sensing cable is used to detect leaks via the presence of acids, bases, and other conductive liquids. It is reliable and durable, resistant to chemical corrosion, and offers fast reaction time.

#### SC-C: Low Smoke Zero Halogen Sensing Cable

Our low smoke zero halogen (LSZH) sensing cable detects water leaks and other conductive fluids. Constructed from non-conductive polymers to help eliminate false alarms, its composition is formulated to receive a low smoke zero halogen (LSZH) materials classification.

### SPOT DETECTORS

#### SD-Z: Spot detector for distance-read or leak detection controllers

The SD-Z spot detector can be used with a distance-read system, the SD-Z to simulate 50 feet of cable - 25 feet (7.62m) from the male connector to the SD-Z, and 25 feet (7.62m) from the SD-Z to the female connector.

#### SD-RO1: Spot detector with one relay output

The SD-RO1 is a single-zone spot detector with one relay output. It can be set in conjunction with any product that accepts a digital dry contact input.

#### SD-Z1: Spot detector for F200, LD310, LD100, and LDRA6

The SD-Z1 is a single-zone spot detector designed to work with zone leak detection systems including F200, LD310, LD1000, and LDRA6.

#### SD-RO2: Spot detector with two relay outputs

The SD-RO2 is a single zone spot detector with two relay outputs plus LEDs and an audible alarm, so nearby staff immediately see and hear an alert when a leak is detected.

## 02 Powered by RLE Leak Detection CONTROLLERS

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### DISTANCE READ

#### LD5200: Distance read leak detection for up to 10,000 ft of cable

The LD5200 pairs superior leak detection technology with an easy-to-use interface. This integration helps users efficiently establish a distance-read leak detection system that monitors up to 10,000 feet of sensing cable.

#### LD2100: Distance read leak detection for up to 5,000 ft of cable

Designed to monitor large facilities and complex leak detection networks, the LD2100 can integrate into existing facility monitoring systems and can be configured for direct notification via email.

#### LD1500: Distance read leak detection for up to 1,500 ft of cable

The LD1500 distance-read leak detection controller monitors up to 1500 feet (457 meters) of sensing cables.

### ZONE READ

#### LD1000: Single-zone leak detection for up to 1,000 ft of cable

The LD1000 single-zone leak and water detection controller monitors up to 1,000 feet (305 meters) of sensing cable. The LD1000 features an audible alarm and three LED indicators.

#### LD310: Single-zone leak detection for up to 300 ft of cable

The LD310 single-zone leak detection controller monitors up to 300 feet (91 meters) of sensing

**Our products have been engineered over the decades to ensure unmatched coverage in any mission critical facility.**

Find more detailed product information and data sheets on our website.

[PARAMETER-TECH.COM/PRODUCTS](https://parameter-tech.com/products)