



SeaHawk Spot Detectors

RLE offers four different models of SeaHawk Spot Detectors (“SD Series”) that can integrate with various RLE control panels or other equipment and alarm monitoring systems. Spot detectors are the most economical way to detect fluids in small, confined areas, such as drip pans.

Product	Integration Capability	Leader Cable Length	Power
SD	Falcon F-Series, FMS & RA1x2	14 feet (4.27m)	N/A (powered by panel)
SD-Z	SeaHawk Panels*	Two, 10 inch (0.25m) w/ male & female connectors	N/A (powered by panel)
SD-Z1	SeaHawk LD300, LD1000 & LDRA6 Panels	14 feet (4.27m)	N/A (powered by panel)
SD-RO1	Any product that accepts a digital dry contact input	14 feet (4.27m)	24VAC/VDC

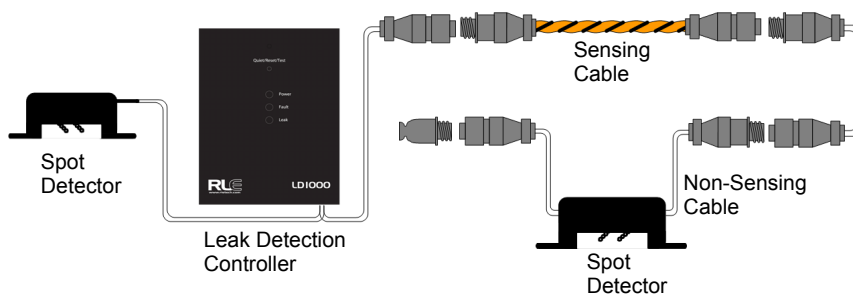
* When connected to a SeaHawk distance read system, multiple SD-Z units can be connected in series without affecting the distance read accuracy.

Features

- No exposed metal sensing posts
- Potted electronics
- Adjustable probes
- Can be screwed or ram set to floor or baseboard
- Small footprint/enclosure

Benefits

- Nothing to rust or corrode
- Ensures functionality when submersed in water
- Easily adjusted to desired height
- Simple installation
- Ideal for tight areas



Spot detector example—basic components in a system using the SD-Z and SD-Z1

Spot Detectors Specifications

Power

SD, SD-z, SD-Z1 SD-R01	N/A 24VAC/VDC \pm 10%, 0.1A max.; requires power supply: PSWA-DC-24 or WA-AC-24-ST (not included)
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Outputs

Solid State SD SD-Z, SD-Z1, SD-R01	12-36VAC @ 0.01A min., 0.1A max.; 18-36VDC @ 0.01A min., 0.1A max. N/A
Relay SD, SDZ, SD-Z1 SD-R01	N/A Dry Contact, Form C; 1A @ 24VDC, 0.5A resistive @ 120VAC

Leader Cable (Non-sensing)

Length SD, SDZ, SD-Z1 SD-R01	14 feet (4.27m) 10 inches (0.25m); male & female connector
Connector SD, SDZ, SD-Z1 SD-R01	N/A 1 male, 1 female; 4 pin, 0.96in (24.38mm) diameter; connects to SeaHawk SC cable or NSC cable

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

1.55"W x 2.0"H x 1.0"D (39.37mmW x 50.8mmH x 25.4mmD)

Weight

SD, SD-Z1	4 oz. (113g)
SD-Z	3 oz. (85g)
SD-R01	7 oz. (198g)

Certifications

CE; ETL listed: conforms to UL STD 61010-1, EN STD 61010-1; RoHS compliant



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