

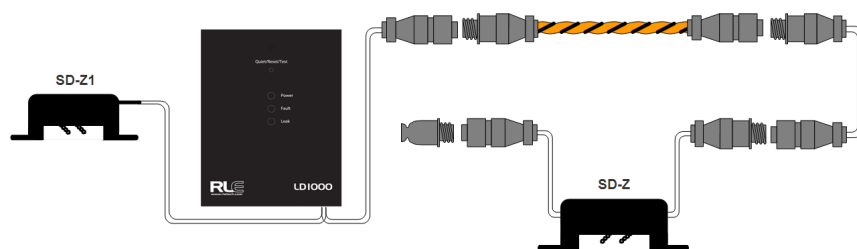


SeaHawk Spot Detectors

RLE offers four different models of SeaHawk Spot Detectors (“SD Series”) that can integrate with various RLE controllers 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 controllers	Two, 10 inch (0.25m) w/ male & female connectors	N/A (powered by panel)
SD-Z1	SeaHawk LD300, LD1000 & LDRA6 controllers	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

The SD-Z and SD-Z1 each simulate 50 ft. (15.24m) of SeaHawk leak detection cable. The SD-Z1 is for zone controllers only, and only one of these spot detectors should be used *per zone*.



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

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

Leak Detection

www.rletech.com

Spot Detectors Specifications

Power

SD, SD-Z, SD-Z1	N/A
SD-RO1	24VAC/VDC \pm 10%, 0.1A max.; requires power supply: PSWA-DC-24 or WA-AC-24-ST (not included)

Outputs

Solid State	
SD	12-36VAC @ 0.01A min., 0.1A max.; 18-36VDC @ 0.01A min., 0.1A max.
SD-Z, SD-Z1, SD-RO1	N/A
Relay	
SD, SDZ, SD-Z1	N/A
SD-RO1	Dry Contact, Form C; 1A @ 24VDC, 0.5A resistive @ 120VAC

Leader Cable (Non-sensing)

Length	
SD, SD-RO1, SD-Z1	14 feet (4.27m)
SD-Z	10 inches (0.25m); male & female connector
Connector	
SD, SD-RO1, SD-Z1	N/A
SD-Z	1 male, 1 female; 4 pin, 0.96in (24.38mm) diameter; connects to SeaHawk sensing cable (SC) cable or non-sensing cable (NSC)

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	4 oz. (105g)
SD-Z	3 oz. (93g)
SD-Z1	5 oz. (136g)
SD-RO1	7 oz. (192g)

Certifications

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



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