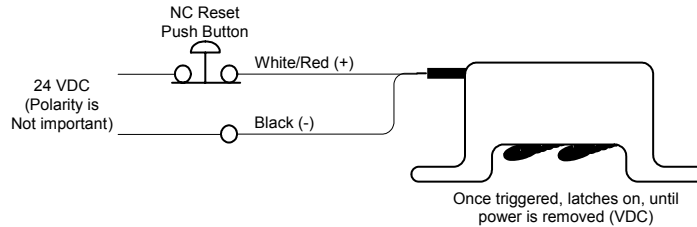


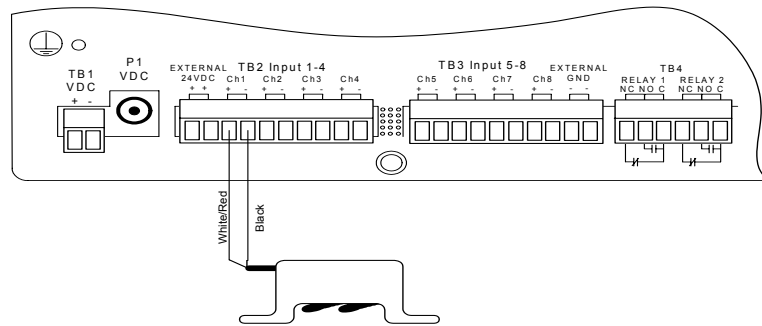
SD – Spot Detector

1. Installation

Determine a location. Ram set 6/32 threaded studs in floor on 2.5 inch (63.5mm) centers. Place SD over studs and secure. Adjust the sense probes to desired height. Connect the white/red and black leads to the FMS, F-Series or LDRA6 panel. A 24VAC power supply is required for use with a Falcon RA1x2. Test the SD by placing water under the sense probes.



SD Diagram 1

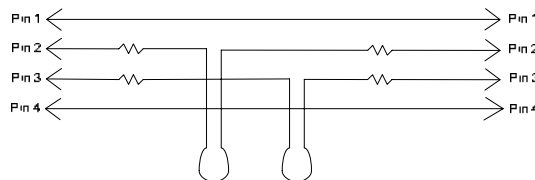


SD Diagram 2: Falcon Wiring

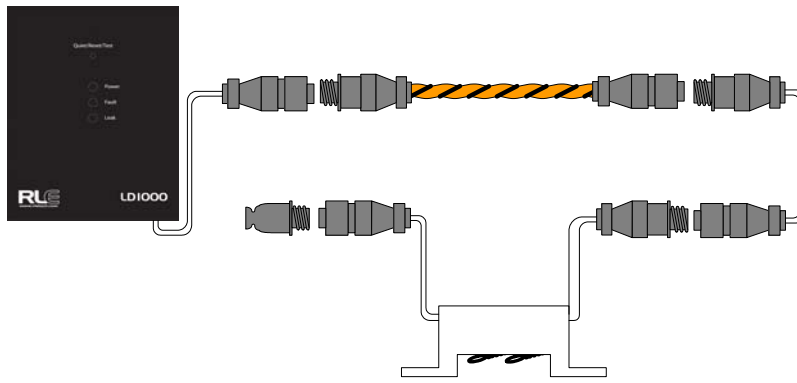
SD-Z – Zone Spot Detector

1. Installation

Determine a location. Ram set 6/32 threaded studs in floor on 2.5 inch (63.5mm) centers. Place SD-Z over studs and secure. Adjust the sense probes to desired height. Connect the SD-Z to the LDZ control panel by connecting the two cable connectors to SeaHawk Water Leak Detection Cable (SC), or SeaHawk Non-Sensing Cable (NSC), or an end terminator (EOL) as shown in *SD-Z Diagram 2*. Test the SD-Z by placing water under the sense probes. SD-Z simulates 50 feet (15.24m) of SC cable: 25 feet in and 25 feet out (7.62m in/out) from device.



SD-Z Diagram 1: Pins

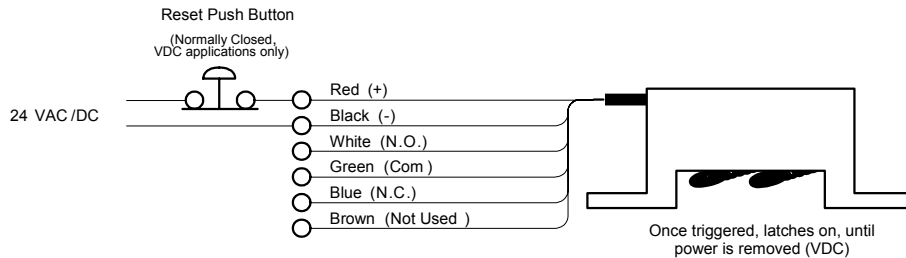


SD-Z Diagram 2: Basic Installation Components

SD-RO1 – Spot Detector with Relay Output

1. Installation

Determine a location. Ram set 6/32 threaded studs in floor on 2.5 inch (63.5mm) centers. Place SD-RO1 over studs and secure. Adjust the sense probes to desired height. Connect the white (N/O) and green (Com) or blue (N/C) leads to the alarm device. Connect the black (-) and red (+) leads to the power source. Test the SD-RO1 by placing water under the sense probes.



SD-RO1 Diagram 1: Basic Wiring

Specifications

Power	
SD, SDZ	N/A
SDRO1	24VAC/VDC ± 10%, 0.1A max.; requires power supply: WA-DC-24 or WA-DC-24-ST (not included)
Outputs	
Solid State	
SD	12-36VAC @ 0.01A min., 0.1A max.; 18-36VDC @ 0.01A min., 0.1A max.
SDZ, SDRO1	N/A
Relay	
SD, SDZ	N/A
SDRO1	Dry Contact, Form C; 1A @ 24VDC, 0.5A resistive @ 120VAC
Leader Cable (Non-sensing)	
Length	
SD, SDRO1	14ft (4.27m)
SDZ	10in (0.25m); quantity 2
Connector	
SD, SDRO1	N/A
SDZ	1 Male, 1 Female; 4 pin, 0.96in (24.38mm) diameter; connects to SeaHawk SC Cable or Non-Sensing 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	4 oz. (113g)
SDZ	3 oz. (85g)
SDRO1	7 oz. (198g)
Certifications	CE; RoHS compliant



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