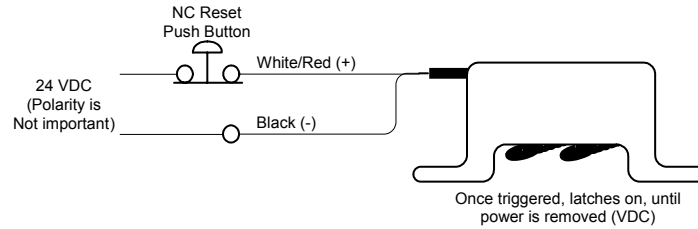


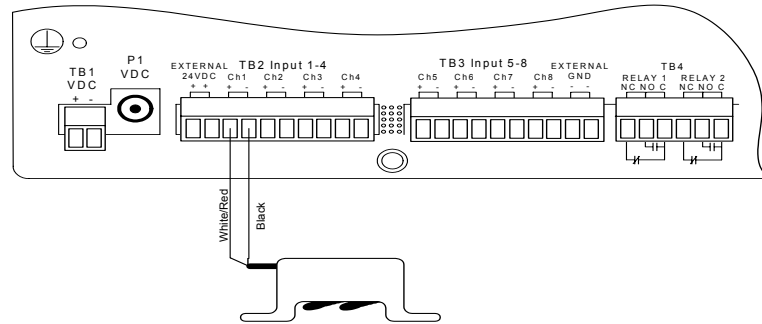
SD – Spot Detector

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

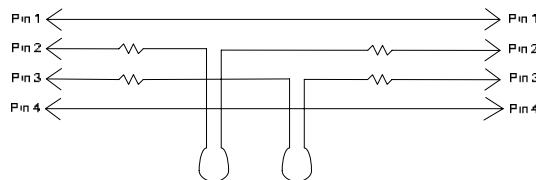


SD Diagram 2: Falcon Wiring

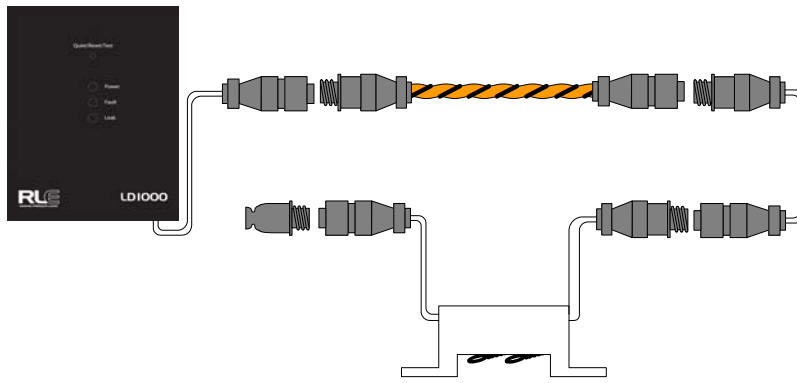
SD-Z – Zone Spot Detector

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

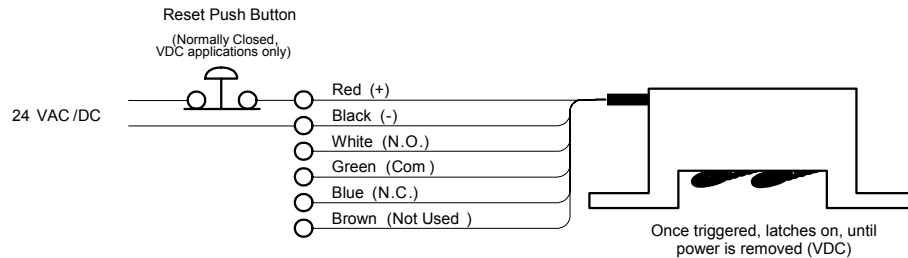


SD-Z Diagram 2: Basic Installation Components

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 \pm 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



FORT COLLINS CO
970 484-6510
970 484-6650 FAX
WWW.RLETECH.COM

©2008 RLE Technologies 110055 Rev 2.3 (07/2008)



Although the information contained in this document is believed to be accurate and correct, RLE Technologies assumes no responsibility, and disclaims all liability, for any damages resulting from the use of this information or any error or omission in this document. RLE Technologies does not warrant, guarantee, or make any representations as to the performance, fitness for use, safety, or reliability of any existing or future wiring, equipment, additions or modifications to equipment, or any other component of the original or modified system.