SATELLITE SENSOR WIRE ROPE KIT

RSA-360-810 Sensor Kit Operation & Installation Instructions

Certain applications or leak detection requirements may require the use of a Sensing Rope attachment for the RSA-360-001 wireless sensor. This converts the stock sensor into a wireless transmitter for the rope-style sensor. The Sensing Rope easily attaches to the standard wireless sensor and affords users a wide array of options, such as:

- Leak detection across a wider area or perimeter

- Discrete sensor location – the wireless sensor/transmitter can be hidden from view in areas where aesthetics are a greater concern

- Overcoming locations with a weak wireless signal – the wireless sensor becomes a wireless transmitter that can be moved up and off the floor to improve wireless signal performance

- An easy solution for challenging spots such as under a refrigerator, dishwasher or washing machine

The highly absorbent water Sensing Rope is constructed from two twisted metal conductor wires that are insulated from one another and surrounded by a polyethylene mesh braid jacket. The ends are male/female quick-disconnect snap connectors for easy installation and removal. Up to 100 feet of sensor rope (10 lengths) may be connected to a single RSA-360-001 wireless sensor.

Exclusively for use with Reliance model RSA-360-001 wireless sensors and RS-360 Wireless Plumbing Leak Protection Systems

Works with the RSA-360-001 Wireless Sensor (sold separately)

Sensor Kit (RSA-360-810) includes:

(1) Lead Wire (6')

(1) Strain Relief Grommet (not shown)

(1) Sensing Rope (10')

(2) Hold Down Accessories

Additional 10-foot Sensing Rope lengths are sold separately (p/n RSA-175-010).

Sensing Rope Installation Instructions

1. Disconnect all power to the Reliance wireless sensor unit (RSA-360-001). Locate the end plug in the sensor wall and remove it.

2. Wire the 6' lead wire to the terminal block pins on the wireless sensor PC board. (Note: The 6' lead wire is provided with flying leads at one end and can be trimmed back to a shorter length if desired; wire jacketing will have to be stripped back 1/4".) Secure the strain relief grommet in place at the sensor wall. Place the wireless sensor in the desired location.

3. Connect the Sensing Rope to the snap-fit end of the lead wire. Additional Sensing Rope lengths can be snap-connected in succession, up to a maximum of 100' (10 lengths).

4. Lay out the Sensing Rope in the desired leak detection area and configuration. Secure it in place using the included hold downs.

5. Apply a saturated paper towel to a 4" section at the far end of the Sensing Rope. The wireless sensor should go into alarm state (flashing red LED) and the RS-360 receiver should likewise respond. Reset the wireless sensor by pressing and releasing the Sensor Interface button. Next, reset the receiver by pressing and releasing the receiver Valve Reset button.

6. The Sensing Rope is reusable, but may require some amount of time to dry off thoroughly before it can be re-deployed. To expedite the drying process, you can take the wet section in between both hands and slap it a few times on a hard surface.* The water will be released from the mesh. False triggers of the Reliance receiver shortly after the initial test would be an indication that the rope is still wet.

* Take care to secure the wireless sensor/transmitter.

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