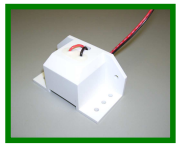
RESOLUTION PRODUCTS Wireless Security Solutions

RE119 Flood/Temp Range, GE®-Compatible Home Disaster™ Sensor



Features

- Tri-Mode Environmental Sensing:
  - o Flood/Moisture Sensor
  - o Freeze – for Furnace Failure
  - o Overheat – for Furnace runaway or Air Conditioning failure.
- 3 unique wireless IDs or Loops: one for each function
- Cover tamper.
- Strong, reliable RF signal.
- 8-10 year battery life on CR123A battery.
- Low Battery indication.
- 3.3x1.4x1.1 inches.

Key Instructions

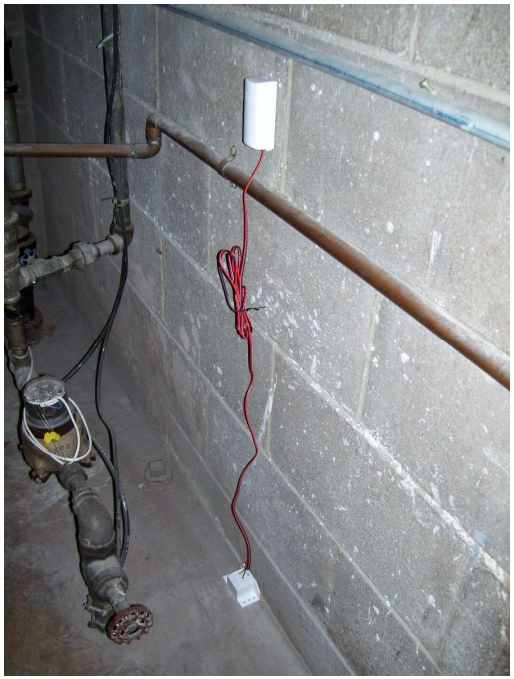
- Battery "+" faces towards spring.
- Activating Zones
  - Flood Zone operates on unit when it comes from the factory. The enrolling actions (listed next) activate the Freeze and Overheat Zones.
  - ACTIVATE ONLY THE ZONES YOU NEED (In order to extend battery life and prevent RF pollution):
- Enrolling: Place control panel in enroll mode… then for…
  - Flood - Zone 0: RF DL ID ends in "0" (this RF DL ID is printed on sensor):
    - Enroll by:
      - …pressing & releasing Tamper → Sensor sends Flood Alarm & enrolls.
  - Freeze - Zone 1: RF DL ID ends in "1":
    - Enroll by:
      - Holding Tamper down,
      - Leaving magnet away from Reed Switch,
      - …while installing battery. → Sensor sends Freeze-Alarm & enrolls.
  - Overheat – Zone 2: RF DL ID ends in "2":
    - Enroll by:
      - Holding Tamper down,
      - Having magnet next to Reed Switch,
      - …while installing battery.
      - Release Tamper and → Sensor sends Overheat Alarm & enrolls.

Operation

- Flood (1st ID ending in 0)
  Alarm: when liquid rises 0.040 inches above sensor bottom.
  Tamper: when cover is opened.
  Supervisory: every hour.

- Freeze (2nd ID ending in 1)
  Alarm: when room temperature drops below 40F.
  Tamper: when cover is opened.
  Supervisory: every hour.

- Overheat (3rd ID ending in 2)
  Alarm: when room temperature rises above 100F.
  Tamper: when cover is opened.
  Supervisory: every hour.

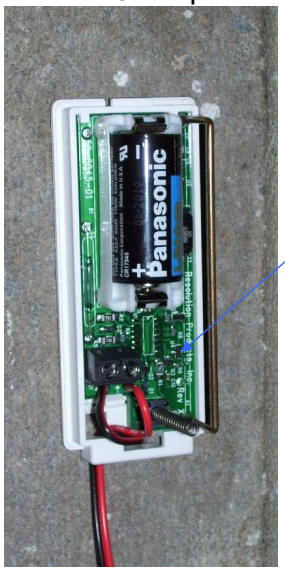


Specifications

Flood sensing:	Titanium contacts 100K-Ohm nominal (DO NOT use an EOL resistor) Transmitter handles 1 or 2 flood elements, no more. 0.04 inch floor spacing to eliminate floor condensation falses. Checks moisture every 5 seconds (test mode: every second when cover is off)
Freeze Alarm:	40F +/- 2F (custom temps available) Restores when temp increases 4F from alarm
Overheat Alarm Temp:	100F +/- 2F (custom temps available) Restores when temp decreases 4F from alarm
Mounting hardware:	#6 or #8 screws Dual Mode mounting: ▪ Screwed to floor ▪ Screwed to wall
Terminal wire capacity:	16 Gauge
Replacement Battery:	CR123A 1550 mAH
Temperature Range:	0F to 120F
Housing dimensions:	3.3x1.4x1.1 inches

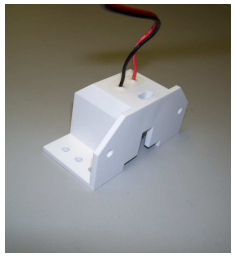
Specifications subject to change without notice.

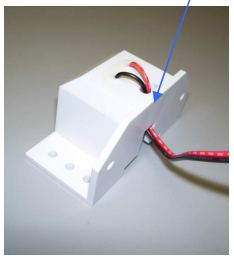
Internal & Close-up Pictures



Temp Element

Strain relief for floor mounting





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Resolution Products, Inc. products will function with one of either GE, DSC or Honeywell systems. However, no Resolution product is produced by, endorsed by, nor is officially associated with GE, Honeywell or DSC. Resolution recommends verifying proper enrollment and operation, per control panel installation instructions, at installation.

Warranty

Resolution Products, Inc. will replace products that are defective in their first year.

FCC Notice

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the Resolution Products, Inc. could void the user's authority to operate this equipment.

FCC ID: U5X-RE101X

IC Notice

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec d'Industrie Canada RSS standard exempts de licence. Son fonctionnement est soumis aux deux conditions suivantes:

1. Ce dispositif ne peut causer des interférences, et
2. Ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

IC: 8310A-RE101