

# 5821

## WIRELESS TEMPERATURE SENSOR AND FLOOD DETECTOR



Honeywell's 5821 is a versatile wireless device that can be configured to operate as either a standalone temperature sensor and/or a remote temperature sensor or flood detector. It is ideally suited for a wide range of applications including bathrooms, laundry rooms and basements.

### FEATURES

- Five selectable temperature ranges to choose from (hot, warm, cold, refrigerator and freeze)
- Remote Temperature Probe available (T280R) ideal for refrigerator and freezer monitoring
- Flood detection with 470PB External Probe for a wide range of applications; including bathrooms, laundry rooms and basements
- Up to 10 year battery life, which reduces user maintenance
- Completely wireless, which greatly reduces installation time and maximizes placement options
- Capable of monitoring cold (45° F) temperature and flood detection simultaneously

### SPECIFICATIONS

#### Sensor Parameters

- Cold Temperature Detector 45° F
  - When temperature drops below 45° F for >10 minutes
- Warm Temperature Detector 75° F
  - When temperature rises above 75° F for >10 minutes
- Hot Temperature Detector 95° F
  - When temperature rises above 95° F for >10 minutes
- Refrigerator Failure Detector 42° F
  - When temperature rises above 42° F for >30 minutes
- Freezer Failure Detector 10° F
  - When temperature rises above 10° F for >30 minutes
- Flood Sensor
  - When 1/4" inch of water is covering the 470PB probe

- "Swinger Suppression" (Hysteresis) of 3° F
  - Temperature difference between fault and restore points

#### Power

- One 3V battery (included)
- Replace only with ADEMCO #466, Panasonic CR123A, Sanyo CR123A, Duracell DL123A, Tekcell CR123A or Varta CR123A (Lithium Manganese Dioxide)

#### Operating Temperature

- 14° F to 104° F (-10° C to 40° C)

#### Operating Frequency

- 345 MHz ± 85 KHz

#### Range of Response time

- +50%, -20%
  - 10 minute setting (8-15 min)
  - 30 minute setting (24-45 min)

#### Dimensions

- 1.6" W x 3.1" H x 1.0" D (max protrusion)
- 40.64mm x 78.74mm x 25.4mm

#### Compatibility

- Compatible with all 5800 series wireless receivers

#### Agency Listings

- FCC Part 15
- DOC RSS-210

### ORDERING

<b>5821</b>	Wireless Temperature Sensor & Flood Detector
<b>T280R</b>	External Probe for Freezer and Refrigeration Monitoring
<b>470PB</b>	External Probe for Flood Sensing



T280R



470PB

#### Automation and Control Solutions

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