

# 5821

## WIRELESS TEMPERATURE SENSOR AND FLOOD DETECTOR



Ideally suited for applications including bathrooms, laundry rooms and basements, the 5821 helps protect against temperature fluctuations and flood conditions. The versatile device can be configured to operate as a standalone temperature sensor and/or a remote temperature sensor or flood detector. Fully compatible with Honeywell Total Connect® Remote Services, it can send users email or text message alerts when detecting floods or extreme temperatures so they can take action to minimize and avert damages.

### 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 FP280 or 470PB External Probe for a wide range of applications; including bathrooms, kitchens, 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 or FP280 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

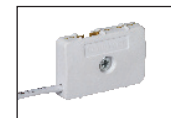
- FCC Part 15
- DOC RSS-210

### ORDERING

<b>5821</b>	Wireless Temperature Sensor & Flood Detector
<b>T280R</b>	External Probe for Freezer and Refrigeration Monitoring
<b>FP280</b>	External Probe for Flood Sensing (wire and internal resistor included)
<b>470PB</b>	External Probe for Flood Sensing



T280R



FP280



470PB

**Automation and Control Solutions**  
Honeywell Security Products Americas  
13475 Danielson St. Suite 120  
Poway, CA 92064  
www.honeywell.com

L/5821D/D  
September 2015  
© 2015 Honeywell International Inc.

**Honeywell**