

# 200 Series Intelligent Detectors

## 5251BPI and 5251RBPI

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ISO 9001: 2008

International  
Standards  
Certifications  
QAC/R64/0012

### Product Overview:

200 Series intelligent plug-in Heat sensors with integral communication provide features that far surpass those of conventional detectors.

Manufactured by System Sensor, reliability is assured, along with a three year warranty from date of manufacture.

Individual sensor alarm thresholds are programmable within the control panel software. The temperature at the sensor is continuously monitored and reported to the panel. With the 200 Series addressable capability, each sensor's address is easily set with decade address switches, giving the precise location of each sensor in the event of a fire or for selective maintenance when a fault has been reported.



**5251BPI and 5251RBPI Sensors**

### Features:

- ▶ Sleek, low-profile design
- ▶ Same Housing for both fixed temperature and rate of rise models
- ▶ Analogue addressable communications
- ▶ Stable communication technique with noise immunity
- ▶ Configurable sensitivity to heat
- ▶ Low standby current
- ▶ Rotary decade address switches, 000 to 159
- ▶ 159 detectors per loop (panel dependent)
- ▶ Dual red LEDs for 360° visibility
- ▶ Optional remote LED accessory

Specification:			
<b>Electrical:</b>	<b>Operating Voltage</b> 15 to 32 Vdc	<b>Standby Current</b> 195 uA @ 24 Vdc	<b>LED Current</b> 6.5 mA @ 24 Vdc
<b>Environmental:</b>	<b>Operating Temperature Range</b> -20 °C to 49 °C		<b>Humidity</b> 10 to 93% RH non-condensing
<b>Mechanical:</b>	<b>Dimensions</b> (Diameter x Depth in B501 base) 104 x 50.8mm		<b>Weight</b> 137 g



**B501 Base**



**B524IEFT-1 Isolator Base**

**Product Codes:**

Code	Description	NZFPA Listing No.
5251BPI	AA 57°C Heat Detector excl Base	PI/236
5251RBPI	AA ROR Heat Detector excl Base	PI/237
B501	Analogue Sensor Base	
B524IEFT-1	Analogue Sensor Base with Integral Short-Circuit Isolator	PI/621

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