



# Conventional Indicating Heat Detector with 'Remote LED' Output

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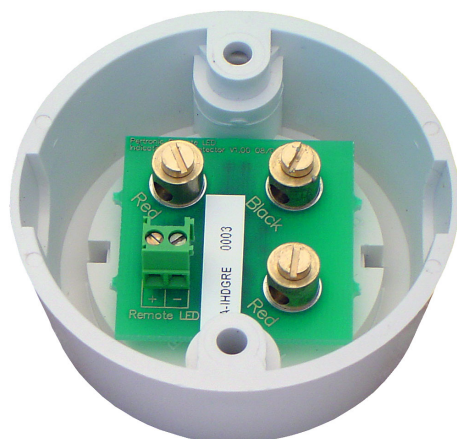


ISO 9001: 2000

International Standards  
Certifications  
QAC/R61/0051

## Product Overview:

- Fast response, fixed temperature Fire Alarm Heat Detector.
- Protected against false activation caused by vibration or other transient impulses.
- Complies fully with NZS4512:2003.
- Brass Circuit terminals accept up to 1.5mm<sup>2</sup> cable.
- Remote LED terminals accept 0.75mm<sup>2</sup> cable.
- Bi-directional circuit connection terminals.
  - either of the 'Red' terminals may be connected to the fire panel.
- Red LED indication: the LED latches ON when the thermo-mechanical sensor element activates. De-powering the heat detector resets the LED.
- The detector clamps the circuit voltage at 2.3V.
- The Remote LED (DETREM) is compatible with and may be used with System Sensor detectors.



## Specifications:

<b>Electrical:</b>	<b>Operating Voltage</b> 12 to 24Vdc	<b>Quiescent Current</b> 0mA	<b>Alarm Current</b> panel dependent	
<b>Environmental:</b>	<b>Operating Temperature Range</b> 0 to +80 °C	<b>Humidity</b> (non-condensing) 10 to 90% RH		
<b>Mechanical:</b>	<b>Dimension (Diam x Height mm)</b>	<b>Weight</b>	<b>Material</b>	<b>Colour</b>
- Heat Detector	65 x 40	50 gms	Polycarbonate	White
- Remote LED	65 x 5	10 gms	Polycarbonate	White

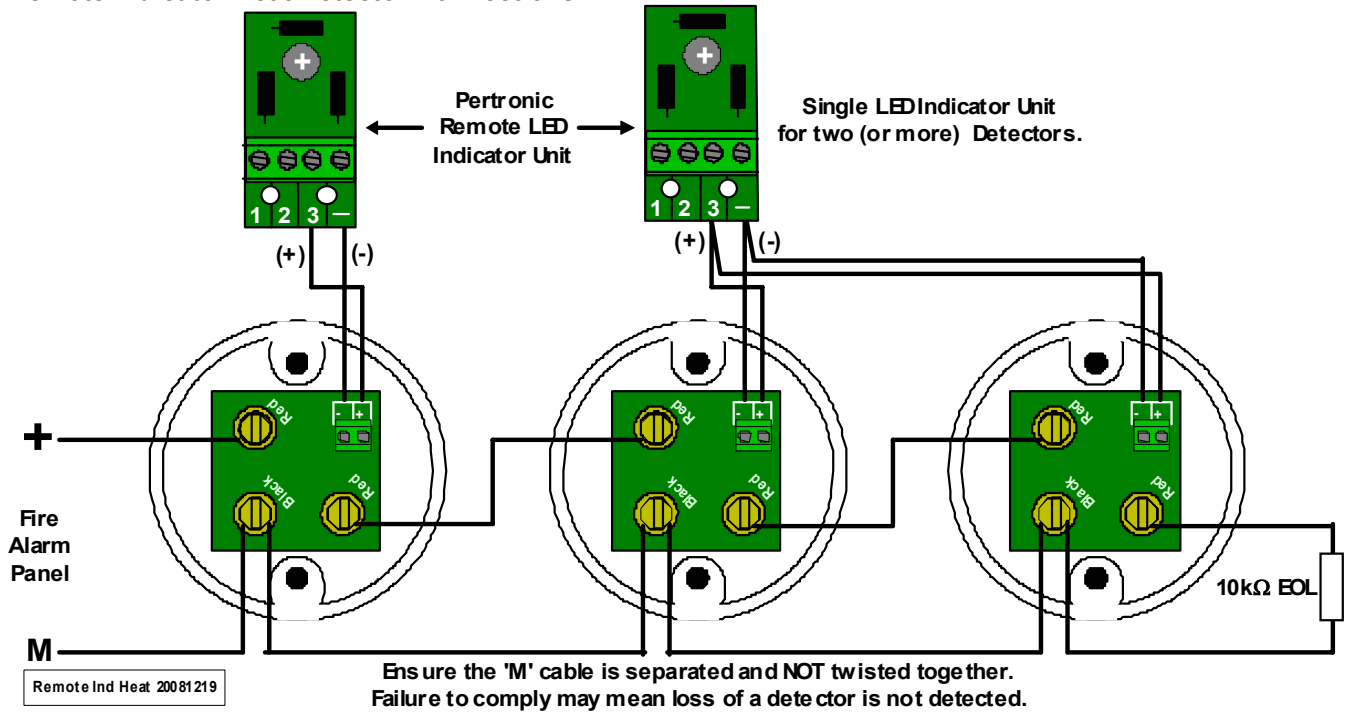
## Operation:

- The Remote LED Indicator Unit latches ON when the thermo-mechanical sensor element activates.
- Latched activation is reset by de-powering the detector.

### IMPORTANT NOTES

- 1) No visual indication of activation is provided if the Indicator Unit is not correctly connected to the Remote LED Indicating Heat Detector.
- 2) Only the Pertronic Remote LED Indicating Detector supports the Pertronic Remote LED Indicator Unit.  
The standard Indicating Heat Detector does NOT support the Remote LED Indicator Unit, therefore use only the Pertronic Remote LED Indicator Unit with the Remote LED Indicating Detector.

**Remote Indicator Heat Detector Connections:**



**Compatibility:**

Indicating Heat Detectors are compatible with the following products:

Product	Software Version
F1	v2.3 & above
F4	v2.26 & above
F16	v7.0 & above
F16e	v1.10N & above
Loop Responder	v3.00N & above

**Product Codes:**

Description	Product Code
Remote LED Indicating Heat Detector, Blue : 57°C	IHDBR
Remote LED Indicating Heat Detector, Yellow : 77°C	IHDYR
Remote LED Indicating Unit	DETREM

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