

PERTRONIC INDUSTRIES LTD

Non Indicating Heat Detector Installation Note



Product Overview:

- The Pertronic Non Indicating Heat Detector is available in two configurations:
 1. Standard: for standard installations
 2. Encapsulated: for high humidity environments, as under eaves, parking buildings, bathroom, etc.

Features:

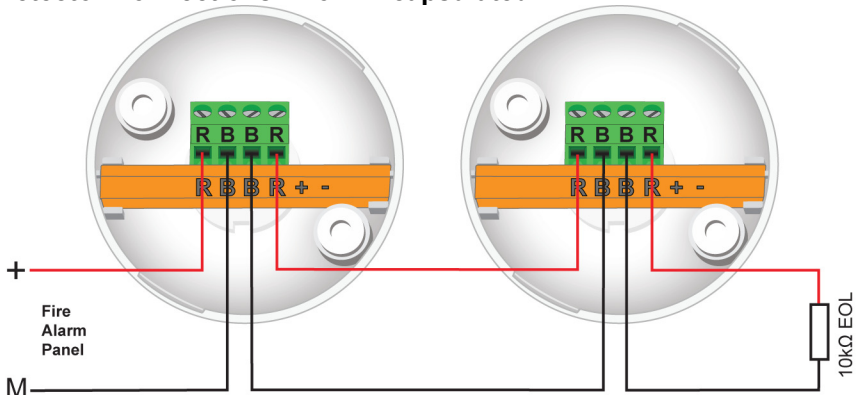
- Fast response fixed temperature Fire Alarm Heat Detector
- Fully complies with NZS4512:1997
- Terminals accept up to 1.5mm² cable
- Bi-directional circuit connection terminals. Either 'Red' terminal may be connected to the fire panel
- Integral reverse polarity yellow LED. For easy detection of wiring faults (Not available on the Encapsulated Heat Detector Black)

Compatibility:

Pertronic Heat Detectors are compatible with the following products:

Product	Detector Hardware Version	Panel Software Version	Release Date
F1	v2.6 & above	v2.4 & below	November 2003
F4	v2.6 & above	v2.28 & below v4.02 & above	November 2003
F16	v2.6 & above	v8.0 & below	November 2003
F16e	v2.6 & above	v97.02 & above	June 2004
Loop Responder	v2.6 & above	v3.12N & below	May 2004

1. Detector Connections - Non-Encapsulated:

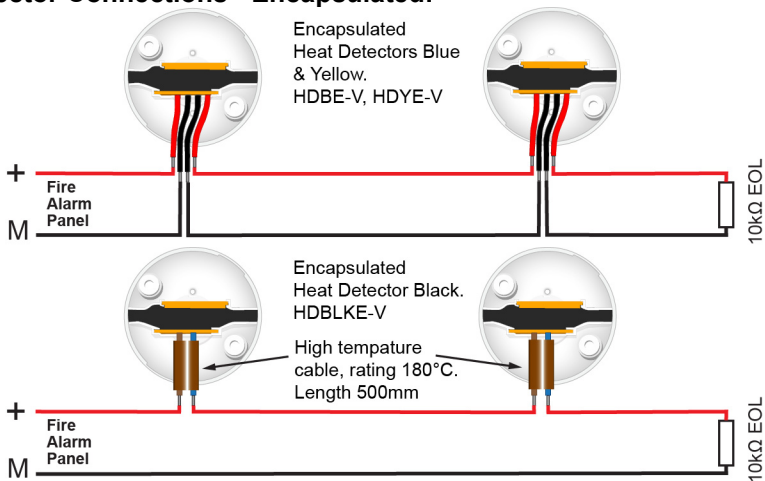


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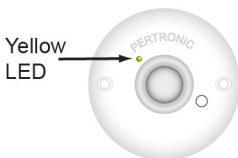


2. Detector Connections - Encapsulated:



3. Reverse Polarity Indication:

- The integral yellow LED indicates that a detector is incorrectly wired.



Product Codes:

Code	Description	NZFPA Listing No.
Standard		
HDB-V	Heat Detector, Blue : 57°C	PI/204
HDY-V	Heat Detector, Yellow : 77°C	PI/205
HDBLK-V	Heat Detector, Black : 125°C	
Encapsulated		
HDBE-V	Encapsulated Heat Detector, Blue : 57°C	PI/206
HDYE-V	Encapsulated Heat Detector, Yellow : 77°C	PI/207
HDBLKE-V	Encapsulated Heat Detector, Black : 125°C	

Registered Design No. 413539