



Overview:

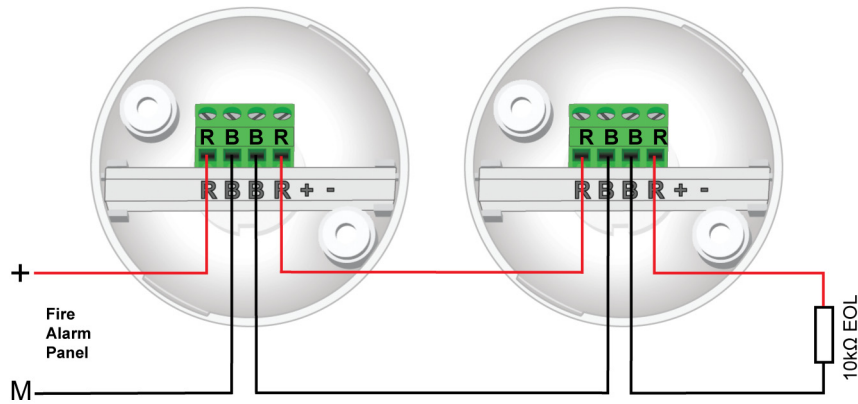
- The Pertronic Indicating Heat Detector is available in a variety of configurations:
 - A.** Standard: for standard installations. These detectors shouldn't be used in chemically aggressive environments, including alkaline base cleaning agents.
 - B.** Encapsulated: for high humidity environments, as under eaves, parking buildings, bathroom, etc.
 - C.** Encapsulated: for chemically aggressive environments, including alkaline base cleaning agents.
 - D.** Remote LED Indicator: for ceiling voids—refer to brochure '0722-Indicating Heat Detector-Remote LED'

Features:

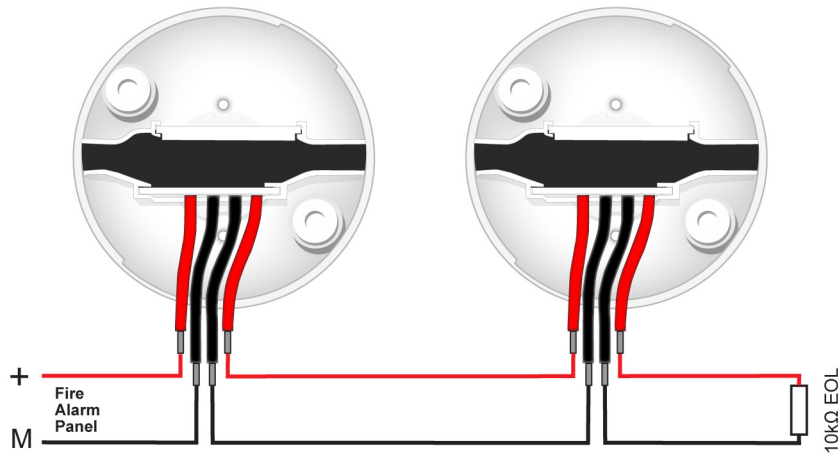
- Fast response fixed temperature Fire Alarm Heat Detector, protected against false activation caused by vibration or other transient impulses.
- Fully complies with NZS4512:2003 and NZS4512:2010
- Terminals accept up to 1.5mm² cable.
- Bi-directional circuit connection terminals. Either 'Red' terminal may be connected to the fire panel.
- Red LED indication latches on activation of the thermo-mechanical sensor element. The LED is reset by de-powering the detector.
- The detector clamps the circuit voltage at 2.2V.
- Integral reverse polarity yellow LED. For easy detection of wiring faults.
- Compatible with 12V Bell reversal of 2-Wire (F4-2W and F1-2W) panels.
- For standard panels, reversal of the IHD causes a High Defect.
- The Datum Level depends upon the number of detectors on the circuit and the number of detectors reversed. If more than 2 detectors are reversed, an alarm is generated.

Compatibility:		Indicating Heat Detectors are compatible with the following products:	
Product	Detector Hardware Version	Panel Software Version	Release Date
F1	v2.6 & above	v2.3 & above	November 2003
F1-2W	v2.6 & above	v9.04 & above	March 2007
F4	v2.6 & above	v2.26 & above	November 2003
F4-2W	v2.6 & above	v9.0 & above	March 2007
F16	v2.6 & above	v7.0 & above	November 2003
F16e	v2.6 & above	v1.10N & above	June 2004
Loop Responder	v2.6 & above	v3.00N & above	May 2004
Apartment Module	v2.6 & above	v1.0 & above	November 2006

A. Detector Connections - Non-Encapsulated:

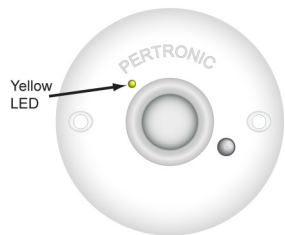


B & C. Detector Connections - Encapsulated:

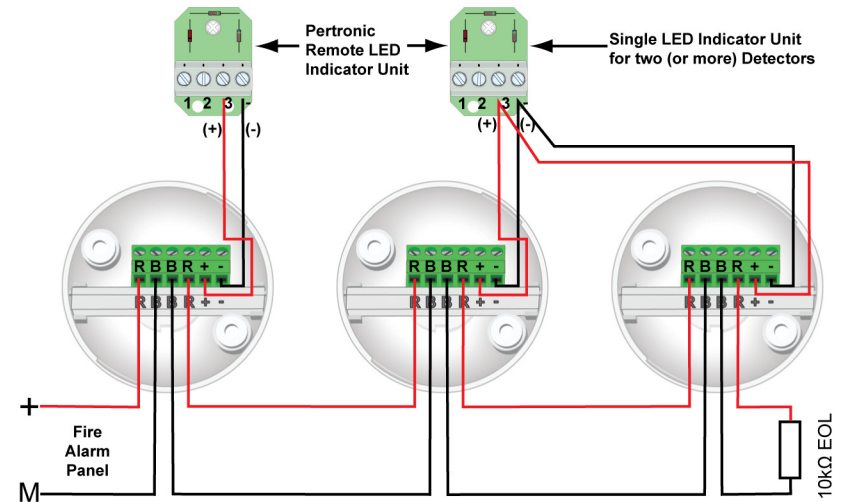


Reverse Polarity Indication:

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



D. Detector Connections - Non-Encapsulated, Remote LED Indicator:



Remote LED Indicator:



Product Codes:

Code	Description	NZFPA Listing
IHDB-V	Indicating Heat Detector, Blue : 57°C	PI/204
IHDY-V	Indicating Heat Detector, Yellow : 77°C	PI/205
IHDBE-V	Encapsulated Indicating Heat Detector, Blue : 57°C	PI/206
IHDYE-V	Encapsulated Indicating Heat Detector, Yellow : 77°C	PI/207
IDHBEAR	Encapsulated Indicating Heat Detector Alkaline Resistant, Blue : 57°C	
IHDYEAR	Encapsulated Indicating Heat Detector Alkaline Resistant, Yellow : 77°C	
IHDBR-V	Remote LED Indicating Heat Detector, Blue : 57°C	PI/240
IHDYR-V	Remote LED Indicating Heat Detector, Yellow : 77°C	PI/241
DETREM	Remote LED Indicating Unit	
IHDBLKEK-V	Encapsulated Indicating Heat Detector Kit, Black, 125C	

Registered Design No. 413539