

## TECHNICAL DATASHEET

### Part Numbers and Product Order Codes:-

Part Number	-	-	-	-	-	-	EV-DPH
Description	-	-	-	-	-	-	Analogue Addressable Dual Optical/Heat Sensor
Computer Reference Number							
Nittan Standard	-	-	-	-	-	-	F14-82106 (A2R)                  F14-82107 (CS)

### Technical Specifications:-

Sensor Method	-	-	-	-	-	-	Light Scatter, Thermally sensitive resistor
Sensor Element	-	-	-	-	-	-	2 x Light Emitting Diode, 2 x Thermistor
Operating Voltage	-	-	-	-	-	-	20V d.c. to 38V d.c.
System Voltage	-	-	-	-	-	-	35V d.c
Quiescent Current	-	-	-	-	-	-	200µA
Alarm Current	-	-	-	-	-	-	5mA
Current for external remote LED indicator	-	-	-	-	-	-	2mA
Operating Temperature	-	-	-	-	-	-	- 10°C to + 80°C
Storage Temperature	-	-	-	-	-	-	- 25°C to + 80°C
Charging Time	-	-	-	-	-	-	4 minutes
Relative Humidity	-	-	-	-	-	-	≤ RH95% non-condensing.
I.P. Protection Rating	-	-	-	-	-	-	IP42
Addressing Method	-	-	-	-	-	-	Soft addressing, Non-Volatile EEPROM.
Material	-	-	-	-	-	-	ABS
Dimensions	-	-	-	-	-	-	Ø104mm x 33mm (Sensor head) Ø104mm x 48mm (Sensor head and UB-6-EV)
Mass	-	-	-	-	-	-	118g (Sensor head) 183g (Sensor head and UB-6-EV base)
EMC Conformance	-	-	-	-	-	-	EMC conformance to BSEN50130-4
CE Conformity	-	-	-	-	-	-	EN54-5, EN54-7
CPR Number	-	-	-	-	-	-	2531-CPR-232.1685
DoP Number	-	-	-	-	-	-	1685

All wiring must conform to the current edition of IEE Wiring regulations and BS5839 Part 1

All loop Cable Screens shall be connected together, but must be Isolated from Ground. Cable Screens shall be connected to Earth Ground within the Control Panel ONLY.

