

## TECHNICAL DATASHEET

### Part Numbers and Product Order Codes:-

Part Number	-	-	-	-	-	-	EV-H
Description	-	-	-	-	-	-	Analogue Evolution Heat Sensor
Computer Reference Number							
Nittan Standard	-	-	-	-	-	-	F15-82200 (A1R)                      F15-82201 (CS)

### Technical Specifications:-

Sensor Method	-	-	-	-	-	-	Thermistor
Sensor Element	-	-	-	-	-	-	Thermistor
Operating Voltage	-	-	-	-	-	-	20V d.c. to 35V 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 +55 (A1R) / +80°C (CS)
Storage Temperature	-	-	-	-	-	-	- 20°C to + 60°C
Min. and Max. Static Response Temperature	-	-	-	-	-	-	A1R: 54°C / 65°C, CS: 84°C / 100°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 42.5mm (Sensor head) Ø104mm x 57.5mm (Sensor head and UB-6-EV)
Mass	-	-	-	-	-	-	98g (Sensor head) 163g (Sensor head and UB-6-EV base)
EMC Conformance	-	-	-	-	-	-	BSEN50130-4
CPR Number	-	-	-	-	-	-	0832-CPR-F0417&F0420 / 0832-CPR-F1037&F1038
Standards / Certification	-	-	-	-	-	-	EN54-5 / LPCB 041 / 842
DoP Number	-	-	-	-	-	-	F0417&F0420 / F1037&F1038

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.

