

TECHNICAL DATASHEET

Part Numbers and Product Order Codes:-

Part Number	-	-	-	-	-	EV-PH
Description	-	-	-	-	-	Analogue Evolution Optical Smoke / Heat Sensor.
Computer Reference Number						
Nittan Standard	-	-	-	-	-	F20-82400

Technical Specifications:-

Sensor Method	-	-	-	-	-	Light Scatter and Thermistor
Sensor Element	-	-	-	-	-	IR Diode and 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°C
Storage Temperature	-	-	-	-	-	- 20°C to + 60°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	-	-	-	-	-	118g (Sensor head) 183g (Sensor head and UB-6-EV base)
EMC Conformance	-	-	-	-	-	EMC conformance to BSEN50130-4.
CPR Certificate	-	-	-	-	-	2831-CPR-F0414 & F2427
UKCA Certificate	-	-	-	-	-	0832-UKCA-CPR-F0028 & F0037
Standards / Certification	-	-	-	-	-	EN54-5: 2017+A1: 2018 & EN54-7: 2018 / LPCB 041 & 1461
DoP Number	-	-	-	-	-	F0414 & F2427

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.

