

TECHNICAL DATASHEET

Part Numbers and Product Order Codes:-

Part Number	- - - - -	EV-DP
Description	- - - - -	Analogue Evolution Dual Optical Smoke Detector
Computer Reference Number		
Nittan Standard	- - - - -	F14-82105

Technical Specifications:-

Sensor Method	- - - - -	Light Scatter
Sensor Element	- - - - -	2 x Light Emitting Diode
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 + 55°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	- - - - -	∅104mm x 33mm (Sensor head) ∅104mm 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	- - - - -	Yes
Standards / Certification	- - - - -	EN54-7
CPR Number	- - - - -	2531-CPR-232.1712
DoP Number	- - - - -	1712

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.

