

## TECHNICAL DATASHEET

### Part Numbers and Product Order Codes:-

Part Number	-	-	-	-	-	EV-P
Description	-	-	-	-	-	Analogue Evolution Optical Sensor.
Computer Reference Number						
Nittan Standard	-	-	-	-	-	F14N82100

### Technical Specifications:-

Sensor Method	-	-	-	-	-	Light Scatter
Sensor Element	-	-	-	-	-	IR Diode
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 33mm (Sensor head) Ø104mm x 48mm (Sensor head and UB-4)
Mass	-	-	-	-	-	118g (Sensor head) 183g (Sensor head and UB-4 base)
EMC Conformance	-	-	-	-	-	EMC conformance to BSEN50130-4.
CPD Number	-	-	-	-	-	0832-CPD-0218
Standards / Certification						EN54-7 / LPCB 041

