

TECHNICAL DATASHEET

Part Numbers and Product Order Codes:-

Part Number	- - - - -	-	ST-PY-AS
Description	- - - - -	-	Analogue Addressable Optical Sensor.
Computer Reference Number			
Nittan Standard	- - - - -	-	F15-82100

Technical Specifications:- Protocol

Sensor Method	- - - - -	-	Nittan 'AS' Protocol
Sensor Element	- - - - -	-	Light Scatter
Operating Voltage	- - - - -	-	IR Diode
System Voltage	- - - - -	-	16V d.c. to 28V d.c.
Quiescent Current	- - - - -	-	24V d.c.
Alarm Current	- - - - -	-	500µA
Current for external remote LED indicator	- - - - -	-	5mA
Operating Temperature	- - - - -	-	2mA
Storage Temperature	- - - - -	-	- 10°C to + 55°C
Charging Time	- - - - -	-	- 20°C to + 60°C
Relative Humidity	- - - - -	-	20 Seconds
I.P. Protection Rating	- - - - -	-	≤ RH95% non-condensing.
Addressing Method	- - - - -	-	IP42
Material	- - - - -	-	Soft addressing, Non-Volatile EEPROM.
Dimensions	- - - - -	-	ABS
Mass	- - - - -	-	∅104mm x 33mm (Sensor head)
EMC Conformance	- - - - -	-	∅104mm x 48mm (Sensor head and UB-6-EV)
CPR Number	- - - - -	-	105g (Sensor head)
Standards / Certification	- - - - -	-	170g (Sensor head and UB-6-EV base)
DoP Number	- - - - -	-	EMC conformance to BSEN50130-4.
			2831-CPR-F2429
			EN54-7: 2000 LPCB 1461
			F2429

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.

