

## TECHNICAL DATASHEET

### Part Numbers and Product Order Codes:-

Part Number	-	-	-	-	-	EVC-P
Description	-	-	-	-	-	Conventional Evolution Optical Sensor.
Computer Reference Number	-	-	-	-	-	F03C82200

### Technical Specifications:-

Sensor Method	-	-	-	-	-	Light Scatter
Sensor Element	-	-	-	-	-	1 x Light Emitting Diode
Operating Voltage	-	-	-	-	-	12V d.c. to 32V d.c.
System Voltage	-	-	-	-	-	24V d.c.
Quiescent Current	-	-	-	-	-	50µA
Alarm Current	-	-	-	-	-	50mA
Current for external remote LED indicator	-	-	-	-	-	2mA
Operating Temperature	-	-	-	-	-	- 10 °C to + 55 °C
Storage Temperature	-	-	-	-	-	- 20 °C to + 60 °C
Charging Time	-	-	-	-	-	20 Seconds
Relative Humidity	-	-	-	-	-	≤ RH95% non-condensing.
I.P. Protection Rating	-	-	-	-	-	IP40
Material	-	-	-	-	-	ABS
Dimensions	-	-	-	-	-	∅104mm x 33mm (Sensor head) ∅104mm x 48mm (Sensor head and UB-4)
Mass	-	-	-	-	-	118g (Sensor head) 183g (Sensor head and UB-4 base)
EMC Conformance	-	-	-	-	-	EN54-7 : 2000
CE Conformity	-	-	-	-	-	Yes
Standards / Certification	-	-	-	-	-	EN54-7: 2000

