



NITTAN

# EVOLUTION

## EVC-P Conventional Dual Optical Sensor

EVC-P-02

April 2007

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### 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	-	-	-	-	-	16V d.c. to 28V 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/PC alloy
Dimensions	-	-	-	-	-	Ø104mm x 33mm (Sensor head) Ø104mm x 48mm (Sensor head and STB-4)
Mass	-	-	-	-	-	118g (Sensor head) 183g (Sensor head and STB-4 base)
EMC Conformance	-	-	-	-	-	EN54-7 : 2000
CE Conformity	-	-	-	-	-	Yes
Standards / Certification	-	-	-	-	-	EN54-7: 2000

