



NITTAN

EVOLUTION

EVC-DP Conventional Dual Optical Detector

TD-EVC-DP-02

April 2009

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TECHNICAL DATASHEET

Part Numbers and Product Order Codes:-

Part Number	- - - - -	EVC-DP
Description	- - - - -	Conventional Evolution Dual Optical Detector.
Computer Reference Number	- - - - -	F02J82205

Technical Specifications:-

Sensor Method	- - - - -	Light Scatter
Sensor Element	- - - - -	2 x Light Emitting Diode
Operating Voltage	- - - - -	12V d.c. to 32V d.c.
System Voltage	- - - - -	24V d.c.
Quiescent Current	- - - - -	40µA at 24v
Alarm Current	- - - - -	50mA at 24v
Current for external remote LED indicator	- - - - -	5mA
Operating Temperature	- - - - -	- 10°C to + 55°C
Storage Temperature	- - - - -	- 20°C to + 60°C
Charging Time	- - - - -	1 minute in Clean Air
Relative Humidity	- - - - -	≤ RH95% non-condensing.
I.P. Protection Rating	- - - - -	IP42
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

