

TECHNICAL DATASHEET

Part Numbers and Product Order Codes:-

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|----------------------------------|---|---|---|---|---|------------------------------------|
| Part Number | - | - | - | - | - | EV-P/CN-P/EV-P (Consilium) |
| Description | - | - | - | - | - | Analogue Evolution Optical Sensor. |
| Computer Reference Number | | | | | | |
| Nittan Standard | - | - | - | - | - | F14N82100 |
| Consilium Marine only | - | - | - | - | - | F14NCM82100 |
| CN System only | - | - | - | - | - | F14NCN82100 |

Technical Specifications:-

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|---|---|---|---|---|---|--|
| 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 | - | - | - | - | - | IP40 |
| Addressing Method | - | - | - | - | - | Soft addressing, Non-Volatile EEPROM. |
| Material | - | - | - | - | - | ABS |
| Dimensions | - | - | - | - | - | Ø104mm x 33mm (Sensor head) Ø104mm x 48mm (Sensor head and UB-4-EV) |
| Mass | - | - | - | - | - | 118g (Sensor head) 183g (Sensor head and UB-4-EV base) |
| EMC Conformance | - | - | - | - | - | EMC conformance to BSEN50130-4. |
| CE Conformity | - | - | - | - | - | Yes |
| Standards / Certification | - | - | - | - | - | EN54-7 / LPCB 041 |

