

EC Declaration of Conformity

REFERENCE:- SIG-1012-01-01

Date:- 01/04/04

MANUFACTURER:- **Signatrol LTD**
Mythe Barns Business Park,
Tewkesbury,
Gloucestershire,
GL20 6EA
UK

APPARATUS:- Temperature Data Logger System

TYPE:- SL120 T
SL121 T
SL120 R

This Apparatus conforms with:-

The protection requirements of Council Directive 89/336/EEC on the approximation of the laws of Member States relating to electromagnetic compatibility {Article 10 (1)}, as amended by Council Directives 92/31/EEC, 93/68/EEC and changes.

STANDARD:- **BS EN 61326:1998 IEC 61326:1997**
Electrical Equipment for measurement, control and laboratory use
EMC requirements.
IMMUNITY ANNEX A (Industrial Locations)
EMISSIONS CLASS B

RESPONSIBLE PERSON:-

Signed Date

B.R. Turner C. Eng M.I.E.E. M. Inst M.C.

Managing Director

Basis for CE Declaration

Special Conditions of use to comply with this standard

1. Enclosure must offer protection to IP65 or greater.

IMMUNITY :- EN 61326-1 TO ANNEX A

ENCLOSURE:-

| TEST | STANDARD | TEST VALUE | COMPLIANCE |
|------------------------------------|---------------|----------------|------------|
| ELECTROSTATIC DISCHARGE | IEC 61000-4-2 | 8KV CONTACT | A |
| EM FIELD | IEC 61000-4-3 | 10V/M | A |
| RADIATED POWER FREQ MAGNETIC FIELD | IEC 61000-4-8 | NOT APPLICABLE | - |

AC POWER:- Not applicable apparatus not power from AC supply.

DC POWER:- Not applicable apparatus powered by internal battery

I/O / SIGNAL / CONTROL :- Sensor port

| TEST | STANDARD | TEST VALUE | COMPLIANCE |
|--------------|---------------|----------------|------------|
| BURST | IEC 61000-4-4 | Not Applicable | |
| SURGE | IEC 61000-4-5 | Not Applicable | |
| CONDUCTED RF | IEC 61000-4-6 | Not Applicable | |

COMPLIANCE LEVELS explained:-

PERFORMANCE CRITERIA A :- During testing normal performance within specified limit of $\pm 0.1\%$ of FS

EMISSIONS :- EN 61326-1 CLASS B

| TEST | RANGE | LIMITS |
|-----------|----------------------------------|--|
| ENCLOSURE | 30 to 230 MHz 230 to 1000 MHz | 30 dB (uV/M) quasi peak, measured at 10 m 37 dB (uV/M) quasi peak, measured at 10 m |
| AC MAINS | Not applicable | |