CERTIFICATE OF CALIBRATION

Issued By Transmille Ltd.

Certificate Number 34764

Date of Issue 15 November 2017





Transmille Ltd. **Unit 4, Select Business Centre** Lodge Road Staplehurst, Kent. TN12 0QW. TEL 01580 890700 FAX 01580 890711

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Approved Signatory

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☐ M.A. Bailey

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67562-4

Customer: SIGNATROL LTD

UNIT E2, GREEN LANE BUSINESS PARK TEWKESBURY GLOUCESTERSHIRE GL20 8SJ.

Date Received: 08 November 2017

Instrument:

System ID:

Description:

Manufacturer: Model Number:

Serial Number:

Procedure Version:

Voltage Source Keithley

K30448527

230 448527

1/N

Job Number:

Ref. Number:

CE1067

Site: Location:

Last Calibration Certificate: 32275 Last Calibration Date: 15/11/2016

Environmental Conditions

Temperature:

20°C +/- 1°C

Relative Humidity: 40% +/- 20%

Mains Voltage:

230V +/- 12V

Mains Frequency: 50Hz +/- 1Hz

Comments

Instrument was allowed to stabilise for at least 12 hours before calibration.

Specifications Ref: 230-901-01- Rev. H

Calibration Information

The instrument was calibrated against laboratory standards whose values are traceable to recognised National Standards. The uncertainty limits quoted refer to the measured values only, with no account being taken of the instruments ability to maintain its calibration.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

Calibrated By : M. Nelson

Date of Calibration: 15 November 2017

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

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UKAS Accredited Calibration Laboratory No. 0324 AS FOUND RESULTS Certificate Number 34764

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Test Title	Applied Value	Reading	Uncertainties
DC Voltage Output 100mV Rng 100mV Rng 100mV Rng	0.000mV 190.000mV -190.000mV	-0.030mV 189.941mV -190.011mV	±2.2uV ±2.4uV ±2.4uV
1V Rng	0.000 0V	0.000 0V	±210uV
1V Rng	1.900 0V	1.899 8V	±210uV
1V Rng	-1.9000V	-1.8999V	±210uV
10V Rng	0.000 0V	0.000 0V	±210uV
10V Rng	19.000 0V	19.000 3V	±250uV
10V Rng	-19.0000V	-19.0008V	±250uV
100V Rng	0.000 0V	0.000 6V	±210uV
100V Rng	100.000 0V	100.004 7V	±760uV
100V Rng	-100.0000V	-100.0030V	±760uV

End of Results