MADGETECH
WE BUILD DATA LOGGERS

CERTIFICATE OF CALIBRATION

ilac-MRA ANAB ACCREDITED ISO/IEC 17025: CALIBRATION LABORATORY

AC-2481

ACCREDITED CERTIFICATE NUMBER: NC-20-02-11-076

Device ID:	MultiChannel	Calibration laboratory environmental conditions:	18 °C – 25 °C, 20 %RH – 55 %RH
Calibration Certificate issued to:	Wessex Power Technology Ltd Wahn Fried, Winterbourne Zelston Blandford Forum, Dorset DT11 9EX United Kingdom	Calibration Date:	2020-02-10
		MadgeTech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements	

HiTemp140-FP - Temperature - **Serial Number: R27611**

Published Device Specifications **Calibrated using MadgeTech WI No:** 320405

Calibrated Accuracy: ±0.10 °C **Resolution:** 0.01 °C

Calibrated Accuracy Range: 20 °C to 140 °C

Channel 1 - Units of °C — Expanded Uncertainty is not applied to Device Error

Temperature Env. Temperature	Standard Actual Test Point	DUT Corrected Device As Left	Device Error =Device - Standard	Expanded Uncertainty Expressed at approx. 95% confidence level using coverage factor k = 2
-	29.666	29.67	0.00	0.039
-	140.281	140.28	0.00	0.039

Applied Correction Values

Gain: 0.9992238

Offset: 0.115 °C

Reference Equipment	Serial #	Certificate #	Last Calibration Date	Next Calibration Due
Fluke/Hart Scientific 1502A/5616	B71301/76731	1824904	2019-02-12	2020-02-12
Fluke/Hart Scientific 1502A5616	B12726/97107	1824902	2019-02-12	2020-02-12

Calibration Notes:

Calibrated By: James Day Date: 2020-02-12

Approved By Quality Inspector: MadgeTech, Inc. QC 2003 Date: 2020-02-12

The instrument identified was calibrated as a direct comparison to the reference standards listed which are traceable to the International System of Units (SI) through NIST or other National Metrology Institute and did not involve any sampling. Results reported on this certificate relate only to the serial number referenced at the time of calibration and do not imply certification of the device, process, system or technician by ANAB, NIST or any other federal agency. No allowance has been made for the stability of the device due to use, time, or wear. Such allowances would be made by the user. This certificate may not be reproduced, except in full, without written approval by MadgeTech, Inc.