Digital Calibration Certificate

Administrative Data

DCC Software

• Software

Name	GEMIMEG tool
Release	v1.3.0

Core Data

Country Code ISO3166_1	GB
Used Language Code ISO639_1	en
Mandatory Language Code ISO639_1	en
Unique Identifier	DCC2GO-Temperature-DCC-Example
Issuer	calibrationLaboratory
Order no.	2023/04/0001
Performance Date	2023-04-13 to 2023-04-14
Performance Location	laboratory

Items

• Item	Temperature sensor
Manufacturer	Sensor-Manufacturer
Model	PT100
Issuer	manufacturer
Serial no.	2309823482

Calibration Laboratory

	EMPIR-DCC2GO
E-Mail	dcc2go@ptb.de
City	Capital City
Post Code	12345
Street	High Street
Street No.	1
Further	https://www.ptb.de/dcc2go/project

Person(s) authorizing the report

	Name	Jane Bloggs
	Main signer	true

Customer Example Company

E-Mail	info@customer.xx
City	Capital City
Post Code	789101

Statements
• Statement
This certificate is consistent with the Calibration and Measurement Capabilities (CMCs) that are included in Appendix C of the Mutual Recognition Arrangement (MRA) drawn up by the International Committee for Weights and Measures (CIPM). Under the MRA, all participating institutes recognize the validity of each other’s calibration and measurement certificates for the quantities, ranges and measurement uncertainties specified in Appendix C (for details, see http://www.bipm.org).

Measurement Results

Measurement results

Used Methods
• Used method
Calibration of temperature sensors

Measuring Equipments
• Measuring Equipment
Pt 100 thermometer
Issuer (Identification): manufacturer
Value (Identification): reference-PT100-002

Results

Measuring results

Reference value \degreecelsius
33.098
99.971
175.103
250.169
320.004

Indicated measured value probe \degreecelsius
33.17
100.06
175.21
250.16
319.92

Measurement error \kelvin
0.072
0.089
0.107
-0.009
-0.084

Uncertainty List \kelvin	Coverage Factor List	Coverage Probability List	Distribution List
0.061	2	0.95	normal