



Calibration Certificate

No. 06931234/001

Model S0141
Serial Number 06931234
Number of pages 2

Process of Calibration Direct comparison

Conditions of Measurement

Temperature	23 °C	± 3 °C
Relative Humidity	40 %	± 20 %

Calibration Standards (valid to)

Multimeter Datron1081, PE101, 19145, (13.1.2007)

Simulator Pt1000/3850ppm, Pt005, (9.5.2007)

All standards are traceable to ČMI (Czech Metrology Institute) or in terms of relative humidity to DKD Testo (Deutscher Kalibrierdienst).

Measuring Results

Channel 1-Temperature Extern

Standard	Device	Uncertainty	Used Standard	Note
-90.0 °C	-89.9 °C	0.16 °C	Pt005	Pt1000TG8/E 1745/0306
0.0 °C	0.0 °C	0.11 °C	Pt005	
22.40 °C	22.3 °C	0.18 °C	PE101	
80.0 °C	80.0 °C	0.11 °C	Pt005	
150.0 °C	150.0 °C	0.11 °C	Pt005	
260.0 °C	260.0 °C	0.11 °C	Pt005	

Channel 2-Temperature Extern

Standard	Device	Uncertainty	Used Standard	Note
-90.0 °C	-89.9 °C	0.16 °C	Pt005	Pt1000TG8/E 2057/0306
0.0 °C	0.0 °C	0.11 °C	Pt005	
22.40 °C	22.4 °C	0.18 °C	PE101	
80.0 °C	80.0 °C	0.11 °C	Pt005	
150.0 °C	150.0 °C	0.11 °C	Pt005	
260.0 °C	259.9 °C	0.11 °C	Pt005	

Channel 3-Temperature Extern

Standard	Device	Uncertainty	Used Standard	Note
-90.0 °C	-89.9 °C	0.16 °C	Pt005	Pt1000TG8/E 2048/0306
0.0 °C	0.0 °C	0.11 °C	Pt005	
22.40 °C	22.5 °C	0.18 °C	PE101	
80.0 °C	80.0 °C	0.11 °C	Pt005	
150.0 °C	150.0 °C	0.11 °C	Pt005	

260.0 °C	260.0 °C	0.11 °C	Pt005	
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Channel 4-Temperature Extern

Standard	Device	Uncertainty	Used Standard	Note
-90.0 °C	-89.9 °C	0.16 °C	Pt005	Pt1000TG8/E 2062/0306
0.0 °C	-0.0 °C	0.11 °C	Pt005	
22.40 °C	22.4 °C	0.18 °C	PE101	
80.0 °C	80.0 °C	0.11 °C	Pt005	
150.0 °C	150.0 °C	0.11 °C	Pt005	
260.0 °C	260.0 °C	0.11 °C	Pt005	

Measuring Uncertainty

The expanded uncertainty of measurement corresponding to the measurement results is started as the standard uncertainty of measurement multiplied by the coverage factor $k=2$. Usually the values is located in the corresponding interval with probability of approximately 95%. This was determined in accordance with EA4/02.

Date of Calibration

Calibrated By

Has Approved

10.5.2006

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Jan Pavlica

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Milan Jurajda