

CALIBRATION CERTIFICATE

Certificate number:
590003918

Manufacturer : AiroSensor ER
 Type : 20-20-21
 Sort : Data Logger
 Serial number : 100FDDC2B0
 Identification number : -
 Barcode : 283780

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DUT sensor data:

Identification number	n.a.
Serial number	n.a.

Results :

Reference t_{90} [°C]	DUT [°C]	Correction [°C]	Uncertainty ± [°C]	Tolerance ± [°C]
-0,57	-0,40	-0,17	0,33	n.a.
19,92	20,02	-0,10	0,34	n.a.
45,13	45,23	-0,10	0,32	n.a.

Table presentation :
 1. The average reference temperature t_{90} , according to ITS-90;
 2. The average temperature measured by the device under test (DUT);
 3. The correction is equal to the reference temperature minus de temperature of the DUT;
 4. The uncertainty in the correction;
 5. The permissible deviation (if applicable).

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Certificate number: **590004445**

Applicant data:

Applicant : SenseAnywhere bv
 Address : Emmerblok 18
 Place : OUD GASTEL

Device under test:

Manufacturer : AiroSensor ER
 Type : 20-20-21
 Sort : Data Logger
 Serial number : 100FDDC2B0
 Identification number : -
 Barcode : 283780

Used reference standard(s):

Manufacturer	: Vaisala	.....	.....
Type	: HMT100	.....	.....
Expiry date	: 26-Sep-2015	.....	.....
Certificate nr	: 590001659	.....	.....
Identification nr.	: 144699	.....	.....
	
	
	
	

Research method : The device under test is calibrated by comparing it with a temperature reference instrument (based on the ITS-90) and a reference relative humidity instrument. The calibration is performed in a climatic chamber.

Environmental conditions : The ambient temperature is 21°C ± 7°C.

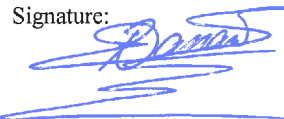
Traceability : The measurements are undertaken with calibration equipment for which the company maintains traceability to (inter-) national standards.

Calibration started : 27-Jun-2015
 Calibration finished : 28-Jun-2015

Re-calibration date : 28-Jun-2017

Results : The results are shown on the next page(s).

Calibrated by : **Rida Tanane**
 Technical Engineer

Signature: 

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Manufacturer : AiroSensor ER
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Humidity sensor :

Identification number	n.a.
Serial number	n.a.

Results :

Reference [% rh]	1	DUT [% rh]	2	Correction [% rh]	3	Tolerance ± [% rh]	4
30,75		33,4		-2,7		n.a.	
80,68		82,5		-1,8		n.a.	

Conclusion : **During calibration only the correction is specified.**

Table presentation :

1. The reference value;
2. The reading of the device under test (DUT);
3. The correction is equal to the reference temperature minus the reading of the DUT;
4. The permissible deviation (if applicable).