



CALIBRATION CERTIFICATE

Page 1 of 2	Certificate number: 59	0003918	
Applicant data:	Device under test:		
Applicant Address Place	SenseAnywhere bv Emmerblok 18 OUD GASTEL	Manufacturer Type Sort Serial number Identification number Barcode	AiroSensor ER 20-20-21 Data Logger 100FDDC2B0
Used standard(s):			
Manufacturer : Type : Expiry date : Certificate number : Identification number :	ASL / Jumo F500-A-6 / Pt100 4W 4-Mar-2016 590001015 195264 / 146220		
Calibration method		by comparing it with a reference ins and the device under test probe are pla	
Environmental conditions	: The temperature of the environment is 21 °C \pm 3 °C.		
Uncertainty	The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, which provides a confidence level of approximately 95 %. The standard uncertainty has been determined in accordance with EA-4/02.		
Traceability	The measurements are undertaken variations traceability to (inter-) nat	with calibration equipment for which ional standards.	h the company
Calibration started Calibration finished	: 3-Jun-2015 : 4-Jun-2015	Re-calibrat	ion date : 4-Jun-2017
Results	The results are shown on the next p	age(s).	
Calibrated by	Rida Tanane Technical Engineer		

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CALIBRATION CERTIFICATE

Certificate number:

590003918

Manufacturer

AiroSensor ER

Type

20-20-21

Sort

Data Logger 100FDDC2B0

Serial number

Identification number

Page 2 of

Barcode

283780

DUT sensor data:

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

Results

Reference 1	DUT 2	Correction 3	Uncertainty 4 ± [°C]	Tolerance 5 ± [°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 t90, 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 permissable deviation (if applicable).



Page 1 of 2		Certificate number:	590004445	
Applicant data:			Device under tes	:
Applicant : Address : Place :	Emmer	Anywhere bv rblok 18 GASTEL	Manufacturer Type Sort Serial number Identification num Barcode	AiroSensor ER 20-20-21 Data Logger 100FDDC2B0 mber : - 283780
Used reference standar	rd(s):			
Manufacturer : Type : Expiry date : Certificate nr : Identification nr. :	Vaisala HMT1 26-Sep 590001 144699	00 -2015 659		
Research method	:			perature reference instrument (based on the ITS-90) is performed in a climatic chamber.
Environmental condition	ons :	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 Calibration finished	: :	27-Jun-2015 28-Jun-2015	Ro	e-calibration date : 28-Jun-2017
Results	:	The results are shown on the ne	ext page(s).	
Calibrated by	:	Rida Tanane Technical Engineer	Si	gnature:



CALIBRATION CERTIFICATE

Certificate number:

590004445

Manufacturer

AiroSensor ER

Type

20-20-21

Sort

Data Logger

Serial number Identification number 100FDDC2B0

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Barcode

283780

Humidity sensor

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

Results

Reference 1	DUT 2	Correction 3	Tolerance 4
[% rh]	[% rh]	[% rh]	± [% rh]
30,75	33,4	-2,7	n.a.
		ĺ	
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 permissable deviation (if applicable).