

Calibration Certification

Name and address of the manufacturer: Sensirion AG
Laubisruetistrasse 50
CH-8712 Switzerland

Description: Digital Humidity- and Temperature Sensors

- SHT1x
- SHT3x
- SHTC1
- STS21
- SHT2x
- SHT7x
- SHTW2
- STS3x

The above mentioned products are calibrated to meet the specifications according to the corresponding Sensirion data sheet. Each device is individually tested after its calibration.

Sensirion uses transfer standards for the calibration. These transfer standards are themselves subject to a scheduled calibration procedure. The calibration of the reference itself used for the calibration of the transfer standards is performed by an ISO/IEC 17025 accredited laboratory.

The accreditation body is full member of the International Laboratory Accreditation Cooperation (www.ilac.org). Calibration certificates issued by facilities accredited by a signatory to the ILAC Mutual Recognition Arrangement (MRA) are accepted by all signatories to the ILAC MRA.

This provides traceability of measurement to recognized national standards and to units of measurement realized at the “National Physical Laboratory” (NPL) or other recognized national standards laboratories like “Physikalisch-Technische Bundesanstalt” (PTB) or “National Institute of Standards and Technology” (NIST).

Staeafa, February 2018



Stephan Weber,
Director,
Head of Quality Management, Sensirion AG



Volker Born
Manager,
Head of Quality Engineering, SensirionAG

Date: March 19th, 2021

CERTIFICATE OF ACCURACY / CALIBRATION

We AKCP have 30 Years' experience in professional sensor management solutions, we created the market for networked temperature, environmental and power monitoring. AKCP is the world's oldest and largest manufacturer of SNMP enabled networked sensors.

We certify that our temperature, dual temperature and humidity sensor (TMP00, TMPxx, TMP01, THS00, THSxx and THS01) provides an accuracy of not worse than $\pm 1^{\circ}\text{C}$, and not better than 0.3°C when subject to monitoring temperatures between 0 and 40°C .

In addition these sensors are pre-calibrated based on a constant physical property of the material used in the sensor technology there is no need for further re-calibration on a yearly basis. Please find accompanying this document the certification from the testing laboratory that pre calibrates and certifies the sensor chip being used in our products.

The chips being used in current AKCP temperature and humidity sensors are the STS31 and SHT31 from Sensirion.

Sincerely Yours,



**AKCess Pro
Limited**

Nicholas Barrowclough
President AKCP