

Sensor für Temperatur und Luftfeuchtigkeit



Temperaturmessung -40 ...+85 °C
 Auflösung: 0.01 °C
 Genauigkeit: +/- 2 °C

Luftfeuchtigkeit 0 ... 100 % RH
 Auflösung: 0.1 % RH
 Genauigkeit: +/- 3 % RH

PVC-Anschlußkabel 1 m

Stromversorgung erfolgt über die Sensorleitung
 kein Netzteil erforderlich

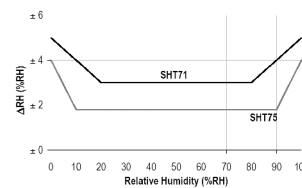


Figure 2: Maximal RH-tolerance at 25°C per sensor type.

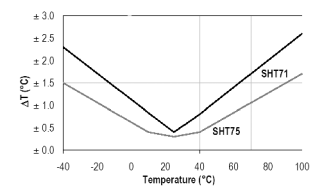


Figure 3: Maximal T-tolerance per sensor type.

CERTIFICATION

SENSIRION
 THE SENSOR COMPANY

Product: **SHTxx Family**
 Description: **Digital Humidity and Temperature Sensor**

This is to certify that above product is calibrated using dedicated equipment which is calibrated according to **ISO/IEC 17025** and calibrated by comparison against natural standards, natural physical constants, consensus standards, or by ratio type measurements using self-calibrating techniques.

Standards incorporated to establish this comparison are NIST and NPL traceable.



Date of Certification: **March 2005**

Valid till: **May 2007**

Zurich, April 2005


 CEO, Sensirion AG


 Quality Assurance Manager, Sensirion AG

Kompatibel mit:

ALL3000: ja
 ALL3000RF: nein
 ALL3418: ja
 ALL3421: ja
 ALL3651: ja
 ALL4000: ja
 ALL4001: ja
 ALL4500: Ja
 ALL5000: Ja

ALL4500/5000 Einstellungen:

Luftfeuchtigkeit:

Sensor Function: ID32 SHT71 Humidity
 Chip Address: 0
 Input Channels: 1
 Output Channels: 0
 ALL4000 Typ: 65

Temperatur:

Sensor Function: ID3 SHT71 Temperature
 Chip Address: 0
 Input Channels: 1
 Output Channels: 0
 ALL4000 Typ: 3