

## Karta produktu

czujnik temperatury, wilgotności i ciśnienia THP





Przykładowe wyświetlanie wartości w programie do obsługi urządzenia

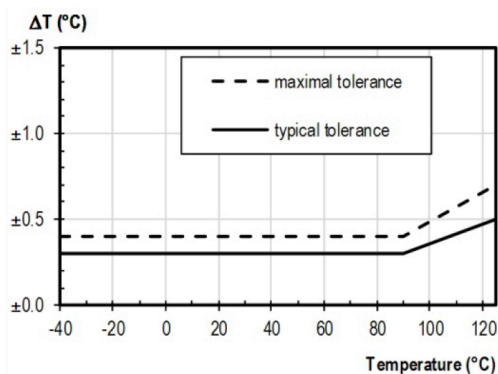
## Dostępne warianty

- 1 m - SNS\_THP\_1 m
- 3 m - SNS\_THP\_3 m
- 5 m - SNS\_THP\_10 m
- 10 m - SNS\_THP\_5 m
- 15 m - SNS\_THP\_15 m
- 20 m - SNS\_THP\_20 m

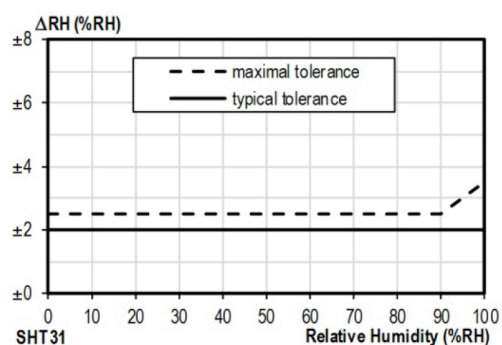
## Dane techniczne

Zakres pomiaru ciśnienia atmosferycznego:	50 do 1100 hPa
Dokładność pomiaru ciśnienia:	±0,4 hPa
Zakres pomiaru temperatury:	-40 do +125°C
Dokładność pomiaru temperatury:	patrz rys. 1
Zakres pomiaru wilgotności:	0 do 100 %
Zalecany zakres pomiaru wilgotności:	20 do 80 %
Dokładność pomiaru wilgotności:	patrz rys. 2
Wymiary czujnika:	40 x 16 x 10 mm

Materiał, czujnik:	aluminium
Stopień ochrony IP:	IP54
Typ czujnika:	SHT31
Przewód czujnika - średnica:	4,7 mm
Materiał, przewód:	silikon (niebieski)
Przewód czujnika, zakres pracy:	-60°C do +200°C



rys. 1 Dokładność pomiaru temperatury



rys. 2 Dokładność pomiaru wilgotności

## Calibration Certification

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

**Description:** Digital Humidity- and Temperature Sensors

- SHT1x
- SHT3x
- SHTC1
- SHTC3
- STS21
- SHT2x
- SHT7x
- SHT8x
- 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](http://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).

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