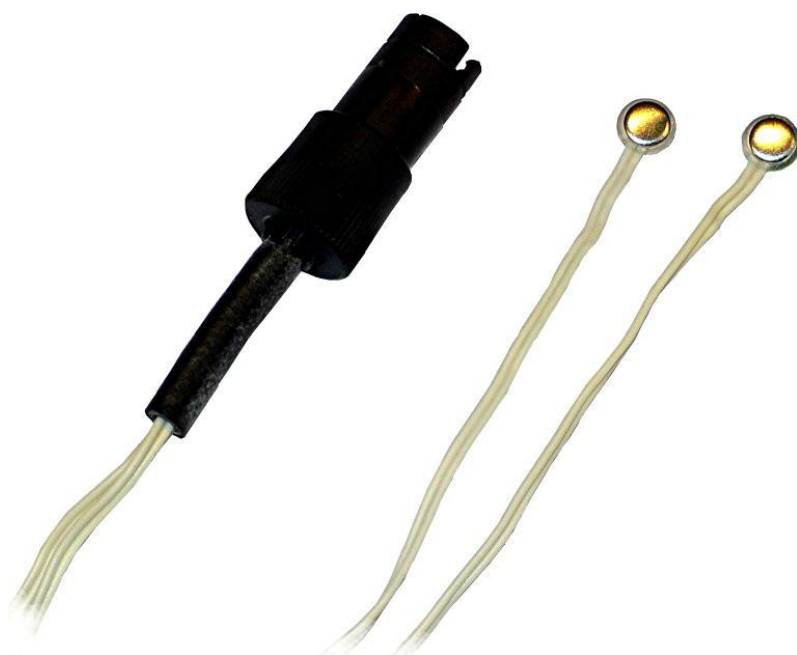


-90 -80 -70 -60 -50 -40 -30 -20 -10

-10

-20

# HealthLab Temperature Sensor TPS-02



## Technical Data

### Designation

HealthLab Temperature Sensor TPS-02  
( NTC, 2 channels )

### Data Capturing

tolerance from 0 °C – 70 °C: 0,1 °C  
response time: < 1 s

### Climatic Conditions

acc. to DIN EN 60204-1 ( 05-2010 )

### Ambient Temperature

operation: -20 ... +60 °C  
transport / storage: -25 ... +60 °C

### Humidity / Altitude

20 ... 90 % RH ( without condensation )  
up to 8.000 m

### Dimensions

cable length: approx. 1.600 mm  
weight : approx. 8 g

In the context of measurements with the psycho- physiological monitoring system HealthLab, the HealthLab Temperature Sensor TPS-02 is used for the capturing of two temperatures at the body surface of a proband, e.g. with the HealthLab satellite SAT-21.

NTC-resistors with low tolerance ( <0,1 °C ) are used as sensor elements at the TPS-02. The nominal resistance at 25 °C amounts 2.252 Ohm.

## Links on further documents:

- Hardware: Master HFM-01 → <https://secure.turboj.de/documents/HFM-01.pdf>
- Software: Heally Control → [https://secure.turboj.de/documents/Heally5\\_en.pdf](https://secure.turboj.de/documents/Heally5_en.pdf)

## Ordering Information:

## Part No.

TPS-02 Temperature Sensor: E1288  
( NTC, 2 channels )