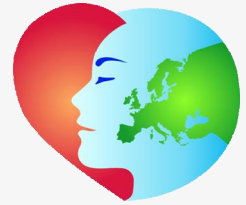
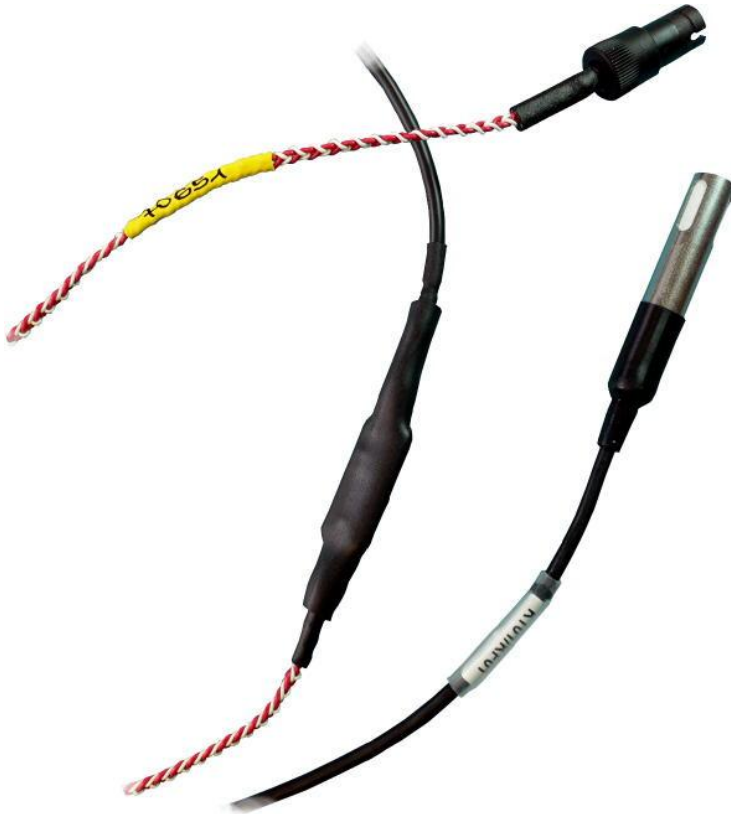


HealthLab Combined Sensor RFT-05 Humidity / Temperature



Technical Data

Designation

HealthLab Combined Sensor RFT-05
Humidity / Temperature

Data Capturing

Measuring Range

humidity: 0 ... 100 % RH
temperature: -40 ... +120 °C

Accuracy (without recalibration)

humidity: 1,8 % rF
temperature: 0,3 °C
response time: 4 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

housing diameter: 8,0 mm
housing length: 38 mm
cable length: approx. 1.600 mm
weight: approx. 8 g

protection type: IP65

In the context of measurements with the psycho- physiological monitoring system HealthLab, the HealthLab RFT-05 Combined Sensor Humidity / Temperature is used for the capturing of temperatures and relative humidity in immediate surrounding (micro climate) of a proband, e.g. with the HealthLab SAT-28 Satellite.

The solid high-precision Sensor is housed in a rugged premium steel tube and is protected against dust and splashing water by a replaceable protection cap. The digital output data of the sensor are transduced into the Heally-Sensor-Bus format by a converter, which is integrated within sensor cable. The converted data is inserted in the HealthLab-System e.g. by the HealthLab SAT-28 Satellite.

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

Ordering Information: Part No.

RFT-05 Combined Sensor
Humidity / Temperature: E1441

Accessory:

protection filter AD0104