

HealthLab Finger Sensor FS-03M

Finger Sensor with Marker Button



Technical Data

Measuring Values

Body Temperature (peripheral)
measuring range: 20 ... 50 °C

Electrical Skin Resistance
measuring range: 1 kΩ ... 10.000 kΩ

Pulse Wave
measuring method: using IR radiation
of wavelength 950 nm

Climatic Conditions

acc. to DIN EN 60204-1 (10-2014)

Ambient Temperature
operation: -20 ... +55 °C
transport / storage: -25 ... +60 °C

Humidity / Altitude
20 ... 90 % RH (without condensing)
up to 8.000 m

Dimensions

cable length: ca. 1,25 m
weight: ca. 15 g

The finger sensor FS-03M is used for the acquisition of physiological parameters in the context of medical scientific experiments. Using the FS-03M, the electrical skin resistance, the peripheral body temperature and the pulse wave of a proband are captured. Event-related marks can be set within the recorded data and / or the response capacity of the proband can be determined by means of the marker button.

During the experiment, the finger sensor is worn on the outside of the little finger of the left hand. At this, it is fixed by an adjustable elastic band. The Velcro, on which the mark button is applied, is fixed to the forearm of the proband. Thereby at the same time the sensor finger is relieved from the strain of the connecting cable.

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:

FS-03M Finger Sensor
with Marker Button

Part No

E1282