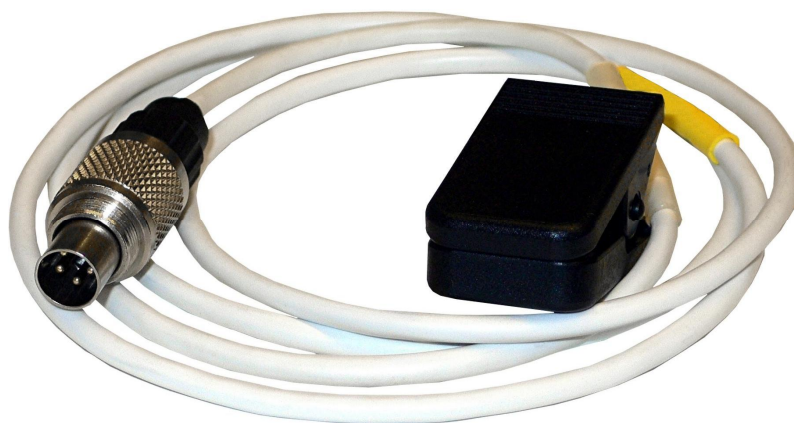


HealthLab Earclip Sensor OCS-01



Technical Data

Designation

HealthLab Earclip Sensor OCS-01
(blood oxygen saturation SpO_2)

Measuring Principle

oxygen content of blood
(pulsometric measurement)
pulse wave / pulse

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: approx. 1.000 mm
weight : approx. 25 g

In the context of measurements with the psycho- physiological monitoring system HealthLab, the HealthLab Earclip Sensor OCS-01 is used e.g. with the HealthLab Satellite SAT.30.03 for the capturing of measurement data on the oxygen content of the blood (SpO_2) of a proband.

At this, the O_2 - saturation level of haemoglobin is determined based on colour deviations by means of a photo sensor. The measurement captures the pulsating through flowing blood, not tissue and vessels.

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:
OCS-01 Earclip Sensor

Part No
E1286