

HealthLab GPS Receiver GPS-02



In the context of measurements with the psycho- physiological monitoring system HealthLab, the HealthLab GPS Receiver GPS-02 is used e.g. with the HealthLab Satellite SAT.30 for the capturing of motion and position data of a proband, such as velocity, position by latitude and longitude and height. The data transfer is done via a serial TTL interface. The by the GPS-02 supplied data correspond to the NMEA 0813 protocol.

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



Technical Data

Designation

HealthLab GPS Receiver GPS-02

Voltage Supply
/ **Current Consumption**
3,3 V DC via HL Satellite

Measuring / Signals
GPS data, 4-channel,
NMEA 0813 protocol

Digital Interface
digital serial interface (UART)
for data transfer

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
W / H / D : 38,5 x 50 x 14 mm
(without wiring)
cable length: ca. 1.100 mm
weight : 22 g

Ordering Information:
GPS-02 HealthLab GPS
Receiver

Part No
E1458