SpaceBit

KORALEWSKI
INDUSTRIE - ELEKTRONIK

HealthLab USB Interface USB-01

Technical Data

Designation
HealthLab USB Interface USB-01, galvanically isolated USB interface

Voltage Supply:
5 V DC from PC -system

Voltage / Current Output
3,3 V DC to HL Master

Data Transfer
universal serial bus version 2.0

Digital Interfaces
USB-2.0 standard connection (towards PC system), HL USB jack for connecting at HealthLab Master (using VMU-05 connection cable)

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 : 46 x 85 x16 mm
(*without wiring*)
weight : 47 g

The galvanically isolated USB Interface HealthLab USB-01 serves the direct voltage supply of the monitoring system HealthLab, as well as the data transfer between a Heally-Master (e.g. HealthLab HFM-01) and the PC system, which is designated as control and evaluation unit. By using USB-01, the access to data and settings of the HealthLab Master is possible while operating, that is, during a measurement. With an isolation voltage of 4.000 V AC the device supports the - in accordance with DIN EN 60601-1 - required safety for the protection of the subject against injury.

Ordering Information:	Part No
USB-01 USB Interface: (galvanically isolated)	E1691
Accessory:	
VMU-05 USB Connection Cable: (from the USB-01 to a HL Master)	KC0216

⚠ *Note*: The psycho-physiological monitoring system HealthLab is manufactured and delivered in configurations according to customer's request. The HealthLab components are not certified for use in the medical field. Therefore they shall be used solely for research purposes in scientific area.

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

CE

TÜV CERT
DIN EN ISO 9001:2008
Zertifikat: 01 100 000628