Electrodermal Activity (EDA) Assembled Sensor Data Sheet

BUNDLE-EDA-UCE6 280920

SPECIFICATIONS

> Pre-assembled Electrodermal Activity (EDA)
> Single cable connection

FEATURES

> Allows basic EDA data acquisition
> Easy to wear
> Plug & play design
> Raw data acquisition

APPLICATIONS

> Human-Computer Interaction
> Life sciences studies
> Sympathetic nervous system monitoring
> Affective computing
> Psychophysiology
> Biomedical device prototyping
> Arousal detection
> Emotional cartography
> Physiology studies
> Relaxation biofeedback

GENERAL DESCRIPTION

The BITalino assembled EDA sensor is designed for everyone who wants to measure electrical skin properties by evaluating electrodermal activity (EDA) signals. This bundle is completely assembled with our 3D Printed Casing for BITalino (r)evolution Plugged making it more convenient to use, wearable, sharable & transportable. The Assembled Electrodermal Activity (EDA) Sensors with assembled 2-lead electrode cable allow repeatedly accurate & fast measurements.

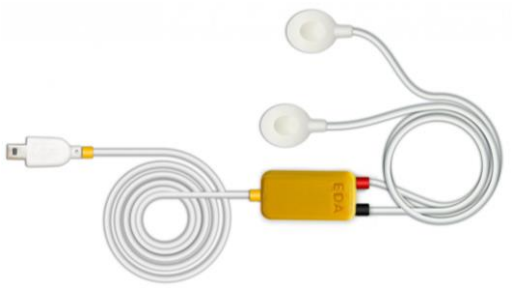

Fig. 1. Assembled EDA sensor – top view.

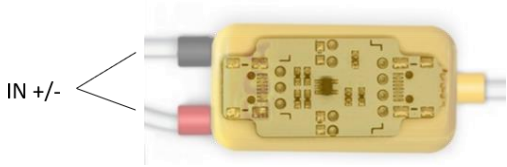

Fig. 2. Assembled EDA sensor from the inside.

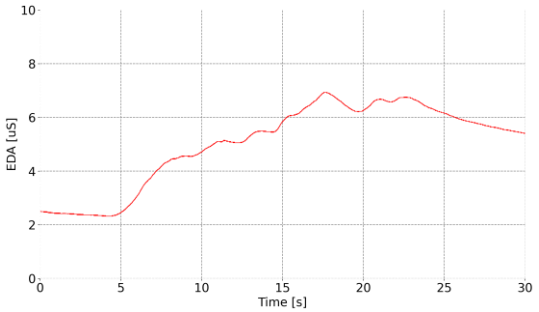

Fig. 3. Typical raw EDA data (acquired with BITalino (r)evolution) from the anterior side of the hand while being relaxed.

Fig. 4. Example electrode placement of the assembled version on the anterior side of the hand below the thumb.

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REV A

BEWARE: DIRECT OR INDIRECT COUPLING TO THE MAINS MAY RESULT IN SHOCKING HAZARD

Electrodermal Activity (EDA)
Assembled Sensor Data Sheet

TRANSFER FUNCTION
EDA datasheet

PHYSICAL CHARACTERISTICS
EDA datasheet

PACKAGING
Weight: 14 g

ORDERING GUIDE

Part #	Description
BUNDLE-EDA-UCE6	Assembled Electrodermal Activity (EDA) Sensor.