



Quick Guide

EE895 Evaluation Board



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in sensor
technology.

PLEASE NOTE

Find this document and further product information on our website at www.epluse.com/ee895.

The EE895 Evaluation Board facilitates the testing of the EE895 miniature sensor module for CO₂, temperature (T) and barometric pressure (p).

The spring loaded contact pins allow easy connection of the EE895 sensor module.

The EE895 Evaluation Board is connected to a PC via its USB Micro-B port and a standard USB cable. The cable is not included in the scope of supply.

Features

USB connector type micro-B

Spring loaded contact pins



Status LEDs

Through hole pads for debugging

DSW10 Diagnosis Software

The DSW10 Diagnosis Software (free download from www.epluse.com/ee895) displays the serial number of the EE895 and the measured data in numerical and graphical form. The refresh rate for the graphs, the sampling rate of EE895 and the measurement units for temperature and pressure can be set. Additionally, the measured data can be saved as .csv file.

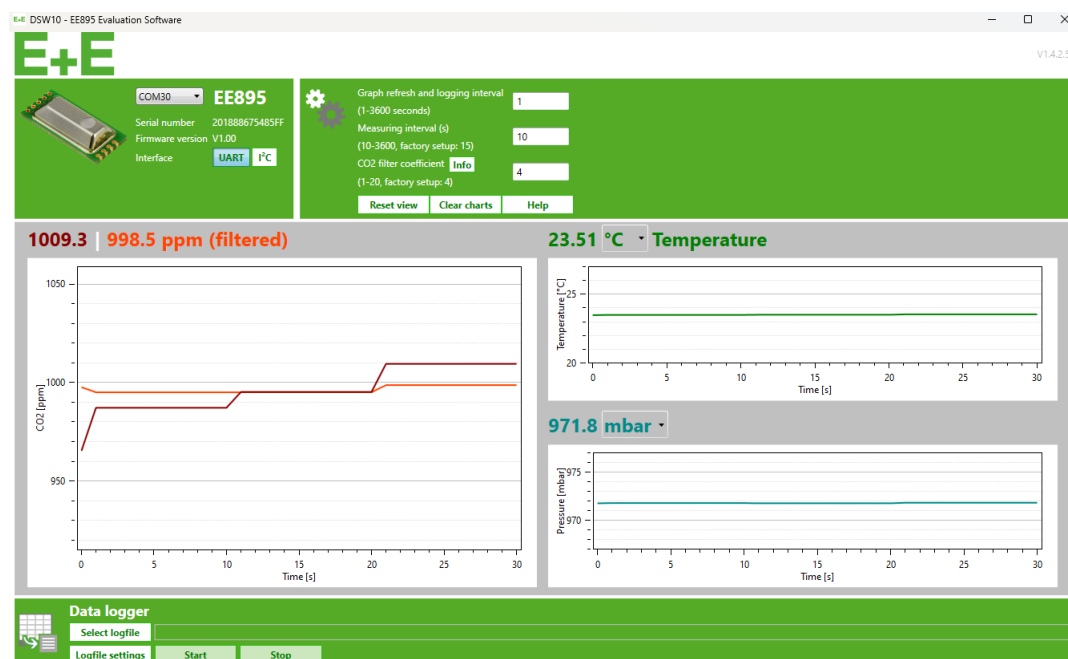
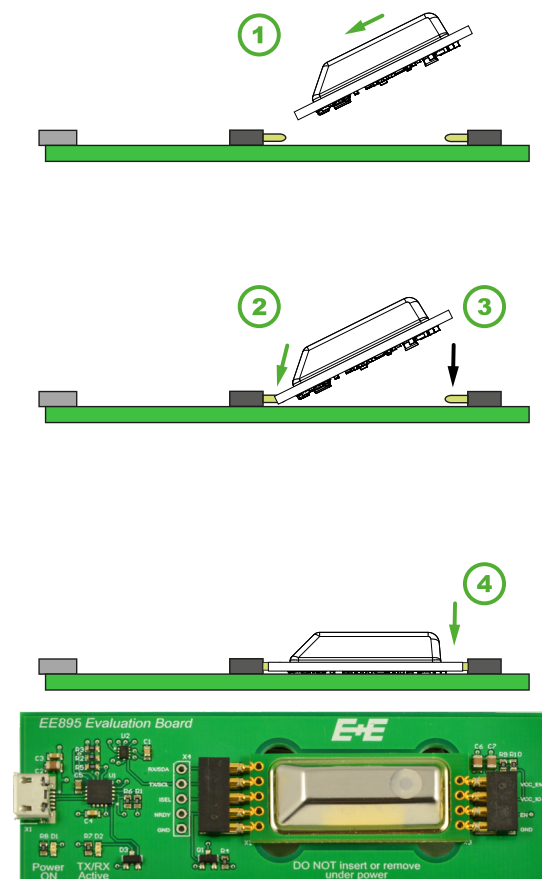


Figure 1: Plan view of the layout of the experimental facility. The diagram shows a top-down view of a rectangular room with various pieces of equipment. A large central area is labeled 'Circulator'. To the left of the circulator is a 'Control panel'. To the right is a 'Data acquisition system'. At the bottom right is a 'Power supply'. The room has a door on the left wall. Dimensions are provided for the room and the equipment layout.

Feature	Description	Code
EE895 Evaluation board ¹⁾	Evaluation board for EE895	HA011019

Quick Guide



- Install the DSW10 Diagnosis Software to your computer (freely available at www.epluse.com/ee895).
- Steps ①-④: Connect the EE895 Sensor Module to the Evaluation Board by pressing the EE895 side plated contacts onto the spring loaded pins of the Evaluation Board. Observe the correct orientation of the EE895 sensor module: the number of side plated contacts (4 or 5) shall match the number of spring loaded pins.
- Connect the EE895 Evaluation Board to your computer using the USB cable supplied with the board.
- Start the DSW10 Diagnosis Software. The actual CO₂, T and p measured data is presented in numerical and graphical form.
- If needed, use the data logger area at the bottom of the screen to save the data as a .csv file.

