



PiLogger® One

Operation Instructions



Product Description

The PiLogger®One is an expansion module for your Raspberry Pi® mini computer and enables you to log DC voltage and current, DC power, pulse counting and temperature measurement.

Package Content

1 Expansion module PiLogger®One
1 Mounting set including spacers
1 Operation Instructions

Technical Specification

Dimensions : 56 x 47 x 29 mm (L x W x H)

Weight : 29 g

Voltage Measuring Range : 0 ... 50 V DC (60 V max)

Current Measuring Range : -12,5 ... 12,5 A DC (15 A max)

Pulse Count Input : mech. Switch or Open Collector (OC) ; 3,6 V max

Temperature Sensing Input : NTC 10 kOhm or PTC 1 kOhm ; 3,6 V max

Intended Use

The PiLogger®One is intended for use with the mini computer Raspberry Pi® only. It is intended only for measuring small DC voltages within the specified limits. Every other use or changes applied to the original device will lead to exclusion of liability.

Operation

The PiLogger®One does not have any control elements and is operated only by software means, whereby this software runs on the Raspberry Pi®. A detailed user manual including a step by step tutorial, as well as a test and demo software can be downloaded at www.pilogger.de for free.

Instructions for Safe Use

The following safety instructions and hazard warnings are meant to protect your health and the integrity of the device. Please read them complete and carefully:

- Before touching the printed circuit board (PCB) and before installing and wiring, appropriate measures against electrostatic discharge must be taken (e.g. grounding guard, non-conductive mounting plate etc.).
- Mounting and wiring must be done in a not powered condition. All power supplies must be switched off.
- The product is suitable for use in dry and closed rooms only. It must not get exposed to condensing humidity or even water, this would lead to damage.
- Protect the product against cold temperatures, heat, direct sun exposure, dust and dirt.
- Handle the product with care. Impacts and mechanical stress, also falling from even small height might lead to damages.
- This product is not a toy. Keep it away from small children. Keep it in safe places where small children can not reach it.
- Don't let the device, as well as the packaging material, lay around unattended, it could become a dangerous toy for small children.

Disposal and Environmental Protection



Electronic and electrical products must not be disposed with regular household waste.

Consumers are legally obligated and responsible for the proper disposal of electronic and electrical devices by returning them to collecting sites designated for the recycling of electrical and electronic equipment waste after the useful lifetime of a device has ended. In doing so, you are contributing in protecting the environment. For more information concerning collecting sites and correct disposal, please contact your local authority or waste management company.

Manufacturer

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