

HOME / PRODUCT CATEGORIES / TEMPERATURE / ELEKTOR 6-CHANNEL TEMPERATURE MONITOR & LOGGER – PARTLY ASSEMBLED MODULE

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Elektor 6-Channel Temperature Monitor & Logger – Partly Assembled Module

WIG-18013

\$94.95

Notice. This product requires other products in order to function properly. See essential products.

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ADD TO CART

Stock availability

DESCRIPTION	DOCUMENTS
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The 6-Channel Temperature Monitor can measure temperatures from as low as -240°C up to +850°C (real-world limits greatly depend on the sensors being used). Up to six 3-wire PT100 sensors (not included) can be connected for measuring up to six temperatures. Measured temperature values are sent on a serial port for data logging and/or further processing. The kit includes an optional serial LCD for displaying readouts right on the board.

Note: The kit requires soldering, a Serial to USB converter, and 9V power supply. See related products for these and PT100 temperature sensors.

Tags

- DATA LOG

ELEKTOR

ENVIRONMENT

KIT

SENSOR

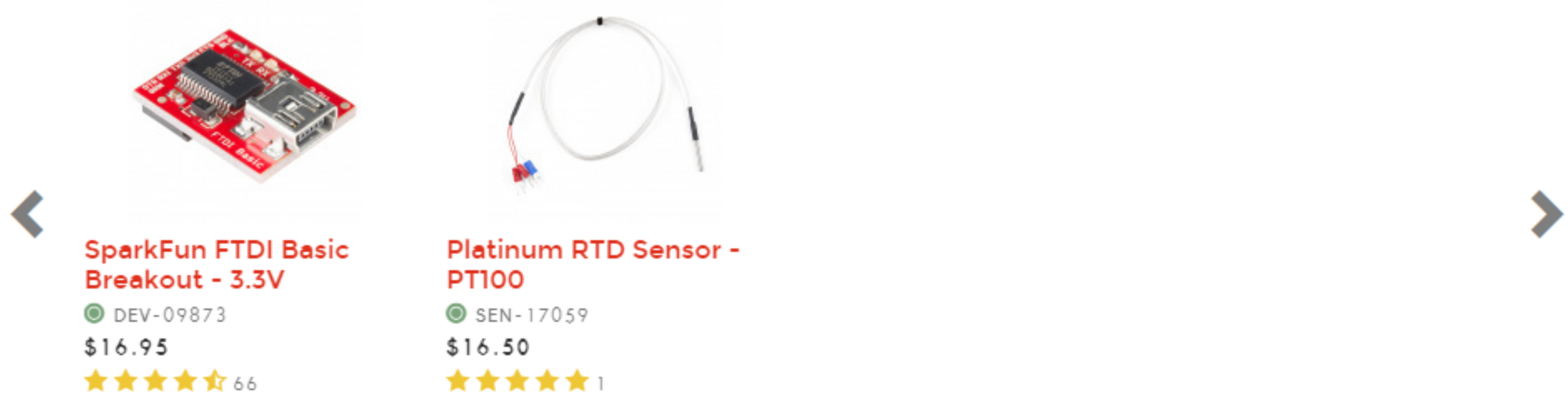
SOLDERING

TEMPERATURE

WEATHER

Hookup Accessories for Elektor 6-Channel Temperature Monitor & Logger – Partly Assembled Module

PAGE 1 OF 1



Similar Items for Elektor 6-Channel Temperature Monitor & Logger – Partly Assembled Module

PAGE 1 OF 3



Elektor 6-Channel Temperature Monitor & Logger – Partly Assembled Module Product Help and Resources

SKILLS NEEDED

Core Skill: Soldering

This skill defines how difficult the soldering is on a particular product. It might be a couple simple solder joints, or require special reflow tools.

Skill Level: Competent

You will encounter surface mount components and basic SMD soldering techniques are required.

See all skill levels

Core Skill: DIY

Whether it's for assembling a kit, hacking an enclosure, or creating your own parts; the DIY skill is all about knowing how to use tools and the techniques associated with them.

Skill Level: Noob

Basic assembly is required. You may need to provide your own basic tools like a screwdriver, hammer or scissors. Power tools or custom parts are not required. Instructions will be included and easy to follow. Sewing may be required, but only with included patterns.

See all skill levels

Core Skill: Programming

If a board needs code or communicates somehow, you're going to need to know how to program or interface with it. The programming skill is all about communication and code.

Skill Level: Competent

The toolchain for programming is a bit more complex and will examples may not be explicitly provided for you. You will be required to have a fundamental knowledge of programming and be required to provide your own code. You may need to modify existing libraries or code to work with your specific hardware. Sensor and hardware interfaces will be SPI or I2C.

See all skill levels

Core Skill: Electrical Prototyping

If it requires power, you need to know how much, what all the pins do, and how to hook it up. You may need to reference datasheets, schematics, and know the ins and outs of electronics.

Skill Level: Competent

You will be required to reference a datasheet or schematic to know how to use a component. Your knowledge of a datasheet will only require basic features like power requirements, pinouts, or communications type. Also, you may need a power supply that's greater than 12V or more than 1A worth of current.

See all skill levels

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REVIEWS 0

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