



## Hydroponics Report 0-3-0



regulären Betrieb

Anzeige im





Hydroponik Sensor-Report: Ec, pH, Temperatur

~~Preis ohne Rabatt~~

Sales price without tax 141,13 €

Tax amount

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Manufacturer [Borgmann Aquaponik Hydroponik](#)

## Control & recording of the sensor values ?? of a hydroponic system

With this module you can record the EC, pH values ?? and temperature of the nutrient solution in your hydroponic system.

All three sensor values ?? can be sent to a PC via a USB cable, where they can be recorded.

The device can be installed alone or as an independent extension to all hydroponic and aquaponic systems.

This extension is particularly helpful for systems with reservoirs or separate nutrient cycles.

The device is designed for outdoor use and has protection class IP 65.

This waterproof module is made of high quality plastic, which is wear-resistant, waterproof and dustproof.

Protection grade IP65: The module is equipped with a pull buckle to ensure better sealing and excellent to provide waterproof and moisture-resistant performance, allowing use in harsh environments.

The device itself can be calibrated for the EC and pH sensors. No external computer (PC) is required for this.

This means that sensors from other manufacturers can also be used. The temperature sensor is calibrated at the factory and cannot be calibrated.

**The module consists of:**

- IP-65 housing with transparent front panel
- Microcomputer
- Display for stand-alone operation (can be operated without additional devices)
- Power supply 110 - 220 Volt / 50 - 60 Hz
- Ec (TDS/PPM) sensor 0 - 3.0  $\mu\text{S}/\text{cm}$ , temperature compensated (0.5% per degree Celsius)
- pH sensor 0 - 14 pH
- Temperature sensor 0° - 100° Celsius
- USB socket for PC

Using any data logger software (see links below), all measured values ?? can be recorded and documented every minute, 24 hours a day.

**Open source software for recording and evaluating measured values:**

**Linux** Data Logger Software: <https://sourceforge.net/directory/logging/linux/>

**Windows** Data Logger Software: <https://sourceforge.net/directory/logging/windows/>

**Mac** Data Logger Software: <https://sourceforge.net/directory/logging/windows/?os=mac>

Due to constant development, photos or illustrations in this description may differ from the delivered product.



Units in box: 1