

Αναλογική μονάδα **SHELLY 0-30V** — πρόσθετο για το **Shelly Pill**

Shelly · EAN 3800238073596

Machine translation from Polski. In case of doubt the manufacturer's original document prevails.

Analog Module Shelly 0-30V (add-on for Shelly The Pill)

User Manual

Description

Expand the capabilities of the Shelly The Pill device and gain precise measurement of direct current voltage up to 30 V. The module allows monitoring of analog sensors and power sources operating within a wider voltage range than the built-in voltmeter of The Pill offers. It supports measurements from 0 to 30 V DC, making it suitable for monitoring 4.2 V, 12 V, and 24 V batteries, power supplies, and popular 0-5 V analog sensors. This practical extension is for those building automation, monitoring, and measurement systems based on Shelly The Pill.

Intended Use

For safety and certification reasons, the product must not be modified or altered in any way. Using the product for purposes other than those described may result in damage to the product. Additionally, improper use may pose hazards. Read the user manual carefully and keep it for future reference. The safety instructions contained in the manual must be read and followed.

1. The product is not a toy. Keep it out of reach of children and pets.
2. Protect the product from extreme temperatures, direct sunlight, strong vibrations, high humidity, moisture, flammable gases, vapors, and solvents.
3. Do not expose the product to mechanical loads.
4. If safe operation is no longer possible (the product is damaged, not functioning correctly), discontinue use and secure the product against reuse.
5. Handle the product with care. Shocks, impacts, or dropping the product may cause damage.
6. If there are any doubts regarding operation or safety, consult a qualified professional.
7. If you have any questions that are not answered in this manual, please contact our customer service office (email: hurt@innpro.pl, website: <https://innpro.pl/>) or another

specialist.

Specification:

General

Manufacturer Shelly

Model Analog 0 - 30V Add-o

Compatibility Shelly The Pill

Physical Parameters

Dimensions (h × w × d) 36.5 × 26.5 × 11.5 mm

Weight 8 g

Housing Color Black

Environmental Conditions

Operating Temperature From 0°C to 40°C

Storage Temperature From -20°C to 40°C

Humidity From 30% to 70% RH

Maximum Operating Height 2000 m

Sensors and Measurements

DC Voltage Measurement Range From 0 to 30 V

Voltage Measurement Accuracy $\pm(2\% + 5 \text{ digits})$

Input Parameters

Digital Input Trigger Voltage Low state (LOW): < 0.83 V

High state (HIGH): > 2.48 V

Maximum Voltage of Digital Inputs 3.3 V

Output Parameters

Maximum Switching Voltage 3.3 V

Maximum Switching Current 20 mA

Manufacturer

Shelly Europe Ltd.

Cherni Vrah Blvd. 103

1407 Sofia

Bulgaria

support@shelly.cloud

Responsible Entity

Shelly Europe Ltd.

Cherni Vrah 103

1407 Sofia

Bulgaria

support@shelly.cloud

Importer:

INNPRO Robert Błędowski sp. z o.o.

Rudzka 65c, 44-200 Rybnik, Poland

tel. +48 533 234 303

hurt@innpro.pl / www.innpro.pl

Environmental Protection

Used electronic equipment marked in accordance with the European Union directive must not be disposed of together with other municipal waste. It is subject to selective collection and recycling at designated points. By ensuring its proper disposal, you prevent potential negative consequences for the natural environment and human health. The system for collecting used equipment complies with locally applicable environmental protection regulations regarding waste disposal. Detailed information on this can be obtained from the municipal office, waste treatment facility, or the store where the product was purchased. The product meets the requirements of the so-called New Approach directives of the European Union (EU) concerning safety, health protection, and environmental protection, identifying hazards that should be detected and eliminated.