

FlowTimer+ Connect

FlowTimer+ Interface for Smart Home
and other external systems

Operating Manual



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1 General information

The operating instructions describe the entire life cycle of the system. Keep this manual in such a way that it is easily accessible to any user and available to any new owner of the system.

NOTE **The operating instructions contain important information on safety!**

Non-observance of these instructions can lead to dangerous situations.

- The operating instructions must be read and understood.

1.1 Explanation of symbols

DANGER

Warns of imminent danger!

Failure to do so will result in death or serious injury.

WARNING

Warns of a potentially dangerous situation!

- Failure to do so could result in serious injury or death.

CAUTION

Warns of a possible hazard!

- Failure to do so may result in moderate or minor injury.

NOTE **Warns of material damage!**

Failure to do so may result in damage to the system or equipment.



indicates important additional information, tips and recommendations that are important for your safety and the proper functioning of the system.



refers to information in this operating manual or other documentation.

➤ **Action steps**

The defined sequence of steps makes it easier for you to use the system correctly and safely.

✓ **Outcome**

Here you will find the result of a sequence of steps described.

2 Technical data

2.1 Electrical data

- Input voltage: 100 - 240V~
- Power consumption: < 0.25 W
- Supply connection: Micro USB socket

2.2 Environmental and climate conditions

- Ambient temperature: +5°C - 40°C
- Protection class: IP20
- Location: only suitable for indoor use

2.3 Lifetime

- The function of FlowTimer+ Connect must be checked by a qualified technician at the scheduled intervals (see also chapter 9.3).

3 Intended Use

Please observe the notes in this operating manual as well as the operating conditions and permissible data in the data sheet so that the system functions perfectly and remains operational for a long time. In case of non-observance of these instructions as well as in case of inadmissible interventions into the system, any liability on our part is void, as is the warranty on the system and accessories!

FlowTimer+ Connect connects the FlowTimer+ I/O connector to an external switched mains voltage.

If the supplied USB power supply is supplied with mains voltage, the FlowTimer+ will lock up immediately.

An alarm reset can only be performed via the connected FlowTimer+ or its supply voltage.

The precondition for this is also that the mains voltage for the FlowTimer+ Connect has been switched off at least 1 minute before.

Any other use or use going beyond this shall be deemed improper use. The usetech GmbH is not liable for damages resulting from this. The risk is borne solely by the user.

3.1 Non-approved use

Unapproved use in the sense of a foreseeable misuse shall be deemed to be improper use:

- The I/O connection cable of the FlowTimer+ Connect is only suitable for connection to the FlowTimer+.
- The FlowTimer+ Protect is not directly supported, but only indirectly via a group alarm via FlowTimer+ and FlowTimer+ Hub.
- No telephones, ISDN, other devices or adapters may be connected.
- The USB plug of the I/O connection cable may only be operated with the supplied USB power supply. Other 5V voltage sources (PC etc.) must be galvanically isolated for safety reasons!

4 Basic safety instructions



WARNING

Electrical voltage can be life-threatening.

- The installation of a stationary power supply must be carried out by a qualified electrician.



The system must be commissioned and, if necessary, adapted by a specialist. The local conditions must be observed.

5 System description FlowTimer+ Connect

5.1 Content of the FlowTimer+ Connect

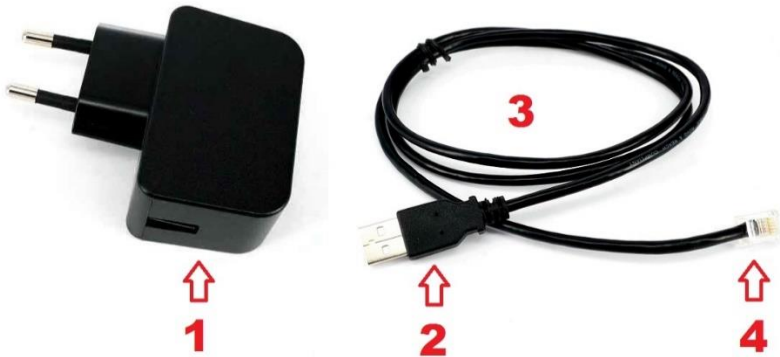


Fig. 5.1: Content of the FlowTimer+ Connect

- 1 USB power supply unit
- 2 Interface electronics in USB connector
- 3 USB-I/O connection cable
- 4 I/O connector plug

6 Installation

6.1 Electrical connection



If the I/O plug is plugged into the socket, this must cause a clicking noise. If not, please check again whether the plug is correctly engaged!

When disconnecting connections, please note to press the locking lugs of the I/O connectors!

- Plug the USB plug with integrated electronics (2) of the FlowTimer + Connect I/O cable (3) into the USB power supply (1).
- Plug the I/O connector of the FlowTimer+ Connect I/O cable (3) into the I/O connector of a FlowTimer+.
- Plug the power supply unit (1) into a suitable switchable socket (Smart Home switchable socket, etc.).

7 Operation and Function

7.1 Operating conditions

7.1.1 Normal operation

An operation of FlowTimer+ Connect is not necessary.

FlowTimer+ Connect connects the FlowTimer+ I/O connector to an external switched mains voltage.

If the supplied USB power supply is supplied with mains voltage, the FlowTimer+ will lock up immediately.

An alarm reset can only be performed via the connected FlowTimer+ or its supply voltage.

The prerequisite for this is also that the mains voltage for the FlowTimer+ Connect has been switched off at least 1 minute before.

7.1.2 Restarting the system

- Unplug the AC adapter (1) from the wall outlet or disconnect the power supply.
- Wait 1 minute
- Restore power supply

8 Troubleshooting, Maintenance

If the connected FlowTimer+ disconnects without a reason being found, disconnect the I/O connector (4) of FlowTimer+ Connect from the I/O connector of FlowTimer+ to prevent a malfunction of the FlowTimer+ Connect electronics.



The mains voltage of the FlowTimer+ Connect plug-in power supply (1) must be switched off for at least 1 minute before the connected FlowTimer+ can be reset!



CAUTION

The USB plug of the I/O connection cable may only be operated with the supplied USB power supply. Other 5V voltage sources (PC etc.) must be galvanically isolated for safety reasons!

8.1 Maintenance

interval	plot
Monthly	Check entire system restart and function (see "FlowTimer+ Set instructions").
Biennial	The FlowTimer+ Connect should be checked by an installer after two years at the latest.

9 Packaging, Transport, Storage



Transport damage!

Inadequately protected systems can be damaged during transport.

- Protect the system from moisture and dirt and transport it in shockproof packaging.
- Avoid exceeding or falling below the permissible storage temperature.
- Protect electrical connections from damage with protective caps.

The system must be transported or stored in its intended packaging until it is installed.



Incorrect storage can cause damage to the system!

- Store system dry and dust-free!
- Storage temperature: -30°C to +60°C

10 Disposal

Information on the Waste Equipment Ordinance

Act on the placing on the market, take-back and environmentally sound disposal of electrical and electronic equipment (Elektro- und Elektronikgerätegesetz - ElektroG).



Note on the Electrical and Electronic Equipment Act (ElektroG):

Please dispose of old equipment at a municipal collection point as required by law, or hand it over to your local dealer free of charge.

Disposal with household waste is expressly forbidden according to the Old Equipment Ordinance!

You can return devices received from us to us free of charge after use by sending them back sufficiently franked by post to the address given in the imprint.

Old appliances that contain harmful substances are marked with the symbol of a crossed-out dustbin.

11 EC Declaration of Conformity



after:

Annex III of the EC Low Voltage Directive 2014/35/EU.

Annex I of the EC Directive on Electromagnetic Compatibility 2014/30/EU.

RoHS Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

The

usetech GmbH
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declares that


Product Name: Flowtimer+ Connect
Type: V1.2
Year of construction: 2017

complies with the provisions of the above-mentioned EC Directives.

The following standards and technical specifications have been applied:

DIN EN 61326-1; VDE 0843-20-1:2013-07

Date: 31.07.2017
Name: Dipl. Ing. (FH) Stefan Windisch
Function: CEO

Signature: _____