



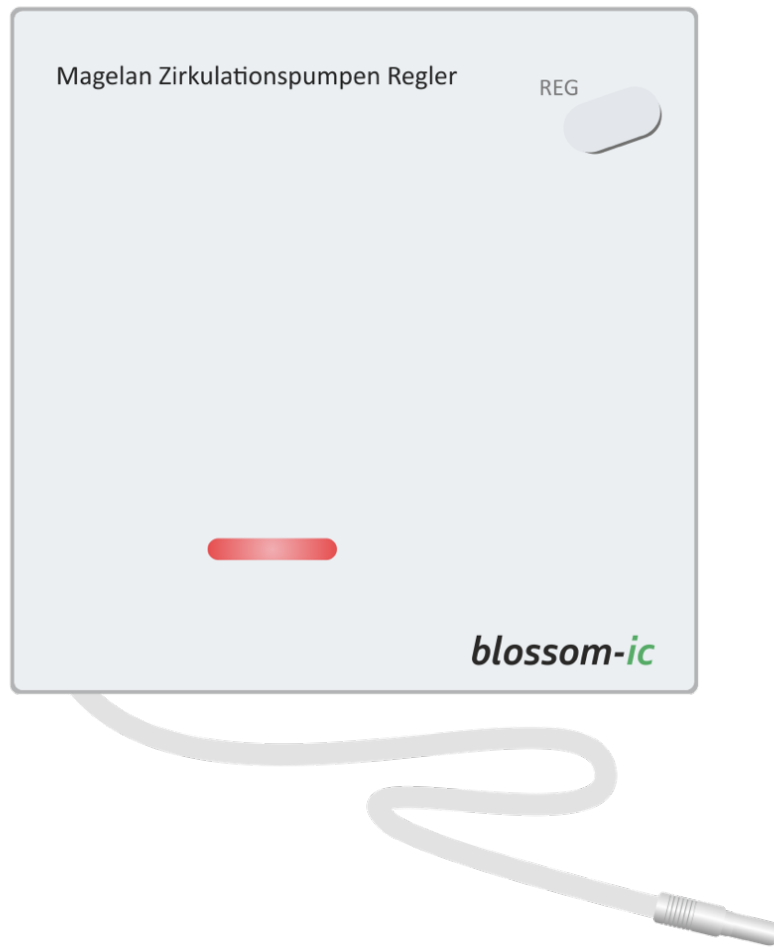
# MAGELAN CIRCULATION PUMP CONTROLLER

Data sheet

## **Brief description:**

The circulation pump controller can control the circulation pump in three different modes: depending on the presence of the people, temperature-controlled or at intervals.

# Magelan Circulation Pump Controller



Item number: MJS-3971

## Properties

- To control the circulation pump.
- Can be used for rooms with hot water tapping points (e.g. in the kitchen or in the bathroom).
- Any standard circulation pump can be connected to the Magelan circulation pump controller.
- In combination with the motion sensors on the thermostats and / or the Magelan sensor.
- Repeater for the blossom-ic system.
- In connection with the gateway GT-100.

# Scope of application

## Magelan Circulation Pump Controller

To control the circulation pump. In connection with Gateway GT-100.

As soon as the selected motion sensors detect people in the room, the controller activates the circulation pump for the set running time. This ensures that hot water is immediately available. Alternatively, an interval and the runtime can be set manually via the app.

When the pipe sensor is connected, a switch-on and switch-off temperature can be assigned. Example: When the circulation line cools down below 56 °C, the pump switches on automatically, thus ensuring the circulation of the hot water line (legionella protection).

## Gateway GT-100

To control blossom-ic products via the Internet, simply and conveniently using the blossomic app. The blossomic app is available for all smartphones and tablets with iOS and Android.

# Radio Frequency Communication

- blossom-ic RF: 2.4GHz, ISM Band, 16 channels
- Range: up to 50 m in buildings

# Technical data

### Technical data - Magelan Circulation Pump Controller

• Ambient temperature	0 ~ 50°C
• Mains voltage	230V AC / 50/60Hz
• Dimension	L86 x B86 x T44 (mm)
• Wireless frequency	2.4GHz, ISM band, 16 channels
• Protection class	IP 30
• RF-Test	RED 2014/53/EU
• CE	Available
• RoHS	Available
• Type of antenna	PCB antenna
• Probe length	2 meter

# *blossom-ic*



intelligent controls

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