



HERADIRECT⁺ Thermostat

Data sheet

Brief description:

Flush-mounted room thermostat in combination with the Hera+ radio underfloor heating strips and the Hera+ actuators, for individual room control. Also suitable for controlling conventional actuators (directly wired). Allows precise control of underfloor heating using stepper motors. The blossom-ic technology determines and regulates the energy required for an optimal room temperature. In conjunction with Gateway GT-100.

Hera Direct⁺ Thermostat



Item number: HDP-3976

Properties

- The thermostat can be used in two ways. In combination with the Hera+ radio underfloor heating strips Hera+ Primus / Hera+ Extensia and the Hera+ actuators and directly wired to control conventional actuators (NC / NO).
- Thermostat (body), suitable for all standard flush-mounted boxes with Ø 60 mm
- In conjunction with the radio underfloor heating strips up to 150 actuators can be controlled with a room thermostat
- Also suitable for controlling conventional actuators (NC or NO) 230 V (directly wired).
- Room temperature display directly on the thermostat.
- Thermostat is equipped with motion sensors.
- Modern touch screen technology.
- Backlit display with automatic night dimming.
- With window opening detection.
- In connection with GT-100 Gateway.
- Even in the event of an internet failure, the thermostats continue to communicate with each other - only control via the app is not possible.
- Control at the thermostat or via the blossom-ic app at any time while on the move.
- Data protection: All data is stored exclusively on your personal gateway.

Scope of application

Hera Direct⁺

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Gateway GT-100

For controlling Hera Direct⁺ room thermostats via the Internet, simply and conveniently using the blossomic app. The blossomic app is available for 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
- Technology blossom-ic RF: 2.4 GHz radio with 250kbps, offset quadrature, data in 5.0 MHz channels

Technical data

Technical data - Hera Direct⁺ Thermostat

• Target value range	6 ~ 30°C
• Ambient temperature	0 ~ 50°C
• Ambient humidity	90% (non-condensing)
• Mains voltage	230 V AV / 50/60Hz
• Dimension	L86 x B86 x H44 (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

blossom-ic



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