



The Bosch Smart Home room thermostat underfloor heating

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PI 11005 HOME CT

Easily operate underfloor heating from anywhere at the touch of a fingertip.

- ▶ **Utmost convenience:** extremely simple operation for wired, water-bearing, underfloor heating systems
- ▶ **Maximum freedom:** convenient control either directly on the device, via smartphone or voice command
- ▶ **More efficient heating:** flexible schedules and automation ensure that energy consumption is tailored to individualized demands
- ▶ **Healthier living:** continuous measurement and display of atmospheric humidity
- ▶ **Smart in the system:** fully integrable in smart scenarios for convenient heating and intelligent energy saving
- ▶ **Adapts to every home's design:** the control unit can be used in many switch frames from brand-name manufacturers

Stuttgart/Berlin – Underfloor heating ensures even heat distribution, promotes a better indoor climate and also saves energy. All wired, water-carrying, underfloor heating systems can now be conveniently and easily controlled and the heating cycles can be set for each room individually by the Bosch Smart Home room thermostat for underfloor heating systems – directly on the device, intuitively by voice command or via smartphone when the user is away from home. This means that heat is provided only when it is really needed. Unlike conventional devices: if no one is home and the residents have forgotten to switch off the heat, they can turn off the heat conveniently, easily and remotely via smartphone. If residents are on their way home, they can preset the desired room temperature simply by tapping a fingertip against the smartphone – for a warm welcome in their own four walls.

Underfloor heating 2.0 – convenient and efficient heating

Whether via smartphone when the user is away from home, directly on the device when the user is at home or by calling out a voice command: not only can the temperature of wired, water-carrying, underfloor heating systems be regulat-

ed conveniently and easily, but individual heating cycles and flexible schedules can also be preset and stored for each room by the Bosch Smart Home Room Thermostat underfloor heating. Infrequently used rooms can be heated less than rooms in which residents spend more time, e.g. the living room. Built-in sensors in the room thermostat measure temperature and relative humidity with room-by-room accuracy – for even more efficient and energy-saving heating. Room thermostats, underfloor heating, central heating and other Bosch Smart Home devices integrated in the Bosch Smart Home System automatically communicate with each other: there's no unnecessary heating because warmth is provided only when and where it's really needed.

Simple operation – directly on the device or via smartphone from outside the home

The underfloor heating room thermostat from Bosch Smart Home offers maximum ease of use. The room temperature and all settings can be controlled easily and intuitively via the rotatable ring with integrated pushbutton. Alternatively, underfloor heating can also be conveniently operated with a smartphone via the Bosch Smart Home App. This offers many options for integration into diverse scenarios. For example, the room temperature can be conveniently cooled from 21°C to 19°C via the augmented “Leave House” scenario. In addition, with the help of a Bosch Smart Home universal switch, the preferred settings for underfloor heating can be controlled by simple hand movements: for example, a brief press triggers a two-hour heating pause. If the resident is planning to be out of the house for a longer interval, a long press activates the “Eco Mode” – perfect for achieving additional energy savings. If users forget to switch off the underfloor heating system, they can do it conveniently and remotely via smartphone. If a user has both hands full, the room thermostat underfloor heating can also be conveniently controlled via voice command with Amazon Alexa. All it takes is a simple voice command: “Alexa, set the room temperature to 22°C!”

Always in view thanks to coordinated design

Various items of information are clearly represented by clearly understandable icons on the large display of the underfloor heating room thermostat – even in the dark thanks to white background lighting. In addition to displaying the current or desired temperature, the humidity and the room setting (Manual / Automatic / Off) can also be shown. All important information can thus be read at a glance, even when quickly walking past the unit.

Thanks to the simple click system of the control unit and the easy connection to an existing flush-mounted wiring system, very little installation effort is needed to connect the room thermostat underfloor heating, which is available as either a 230 V or 24 V variant. Compatible with many switch frames from brand-name

manufacturers, the room thermostat adapts to the desired and already existing home décor.

Availabilities & recommended prices

Availabilities

- Bosch Smart Home room thermostat floor heating 230 V and 24 V: July 2019 in Germany and Austria

Recommended retail prices (incl. 19 % VAT)

Bosch Smart Home room thermostat floor heating 230 V: €109.95

Bosch Smart Home room thermostat floor heating 24 V: €119.95

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Robert Bosch Smart Home GmbH was founded as a wholly-owned subsidiary of Robert Bosch GmbH. Based in Stuttgart-Vaihingen, the company offers intelligent solutions for retail customers who desire a networked home from a single source. Bosch Smart Home simplifies home living by unobtrusively controlling routine activities in the background. It offers greater comfort, convenience, security and energy efficiency.

More information is available at www.bosch-smarthome.com.

The Bosch Group is a leading international technology and service company with approximately 402,000 associates worldwide (as of 31 December 2017). It generated sales totalling 78.1 billion euros in fiscal 2017. Its activities are divided into four business segments: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading provider in the Internet of Things (IoT), Bosch offers innovative solutions for Smart Home, Smart City, Connected Mobility, and Industry 4.0. With its expertise in sensors, software and services, as well as its own IoT cloud, the company is able to offer its customers networked and cross-domain solutions from a single source. The strategic goal of the Bosch Group is to provide solutions for connected living. With innovative and inspiring products and services, Bosch improves the quality of people's lives around the world. Bosch offers "technology for life". The Bosch Group comprises Robert Bosch GmbH and its approximately 440 subsidiaries and regional companies in 60 countries. Including trade and service partners, Bosch's worldwide manufacturing, development and sales network covers almost every country around the globe. The company's innovative strength is the basis for its future growth. Bosch employs around 64,500 associates worldwide in research and development at 125 locations.

The company was founded in Stuttgart in 1886 by Robert Bosch (1861-1942) as the "Workshop for Precision Mechanics and Electrical Engineering". The corporate structure of Robert Bosch GmbH ensures the entrepreneurial independence of the Bosch Group. It enables the company to plan for the long term and to invest in significant advance outlays for the future. The non-profit Robert Bosch Stiftung GmbH holds 92% of the capital shares of Robert Bosch GmbH. The majority of voting rights are held by Robert Bosch Industrietreuhand

KG, which exercises the entrepreneurial shareholder function. The remaining shares are held by the Bosch family and Robert Bosch GmbH.

More information is available at www.bosch.com, www.iot.bosch.com, www.bosch-presse.de, www.twitter.com/BoschPresse.