

Floor Heating Controller – 8 channels, motorised

HmIP-FALMOT-C8

With the Homematic IP Underfloor Heating Controller, used together with the motorised valve drives from Homematic IP, underfloor heating systems can be easily controlled and even retrofitted. The controller's infinitely variable and energy-efficient control of up to 8 individual heating circuits ensures the temperature is always right in every room.



TECHNICAL SPECIFICATIONS

Supply voltage	230 V/50 Hz
Protection class	II
Degree of protection	IP20
Ambient temperature	0 - 50°C
Weight	247.2 g
Dimensions (W x H x D)	135 x 85 x 52 mm
Current consumption	500 mA max.
Number of heating zones	8
Typical open area RF range	340 m
Radio frequency band	868.0-868.6 MHz / 869.4-869.65 MHz

HIGHLIGHTS

- Compact design
- Several mounting options
- Automatic hydraulic balancing
- Coupling with Homematic IP Multi IO Box
- Quick and tool-free click installation of the actuators (HmIP-VDMOT)
- Screwless connection of the cables
- Individual temperature control along with efficient heating and cooling

APPLICATION AREAS

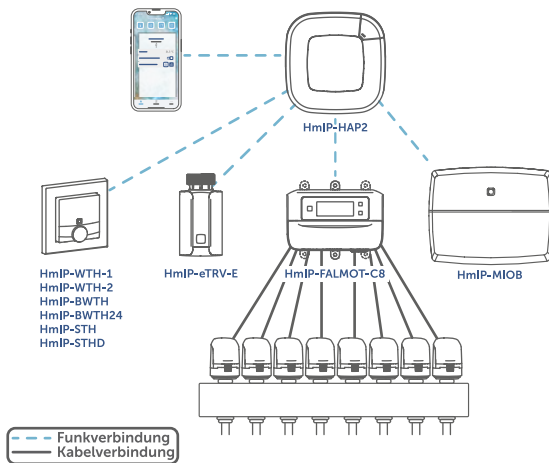
Heating and climate control

PACKAGE CONTENTS

Floor Heating Controller – 8 channels, motorised
1x Mains cable
Operating manual

LOGISTIC DATA

Product reference	161656A0
EAN code	4047976616565
Short description	HmIP-FALMOT-C8
Packaging unit	32
Packaging dimensions	184 x 140 x 73 mm
Weight incl. packaging	507 g



INDIVIDUAL COMFORT TEMPERATURE FOR EACH ROOM

The smart underfloor heating controller from Homematic IP enables efficient heating - or even cooling - for up to 8 heating circuits. Individual temperature schedules can be set with up to 13 changes a day in 6 heating schedules (3x heating / 3x cooling). It can be controlled flexibly via the free Homematic IP App or alternatively directly via the Homematic IP Wall Thermostat.

PRECISE TEMPERATURE CONTROL

The controller ensures a constant flow of heating water, adaptable to different floor structures. Modern control algorithms enable an even and efficient utilisation of the heating system even with low heat demand. Instead of conventional thermal actuators (open/close), control is via motorised actuators (HmIP-VDMOT) - these enable dynamic adaptive hydraulic balancing of the individual rooms.

CONVENIENT COMMISSIONING

The illuminated LC display provides a clear indication of the current operating mode and the valve opening levels. As all the necessary devices can be commissioned directly on site via the integrated buttons and display, even without an Internet connection, the products are particularly suitable for new builds and renovations.

SIMPLY INSTALLED

The screwless plug-in/clamp connection technology enables easy, tool-free installation. The valve drives are simply connected to the underfloor heating controller with plug-in connectors. The illuminated display clearly shows the status of the valves, making commissioning and function tests easier.

FLEXIBLE USE

The controller regulates underfloor heating systems and other water-based surface heating systems, such as wall heating systems. In addition, it is possible to connect it to the Multi IO Box or the switching actuator for heating systems, for example, to control a circulation pump or boiler, and for switching between heating and cooling mode. This means that rooms can be pleasantly cooled even in summer. Several underfloor heating controllers can be used simultaneously in one house. A wall thermostat can be used to control several heating systems in a room.

SMART AND SIMPLE RETROFITTING

Existing floor heating systems can be easily retrofitted. The use of secure wireless communication means that no new cables need to be laid. And, because all the necessary devices can be commissioned directly on site, even without an internet connection, the products are also ideal for new buildings.