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PUMPFIX Smartcontrol+

Pump group with integrated weather-compensated control

Overview

To minimise the installation effort in heating and cooling systems, HERZ offers the PUMPFIX connection group together with the HERZ Smartcontroller as a practical complete set under the name HERZ PUMPFIX Smartcontrol+. HERZ PUMPFIX Smartcontrol+ regulates the operation of the 3-way valve and the pump via temperature sensors to ensure optimum settings at all times. Depending on requirements, HERZ PUMPFIX Smartcontrol+ is supplied with or without a pump and is compatible with circulation pumps with an installation length of 180 mm.

The set is ideal for weather-compensated control of heating and cooling systems and for controlling an independent or additional mixing circuit. In combination with a room temperature controller, HERZ PUMPFIX Smartcontrol+ can be controlled directly from the home.

Benefits

- All components are the result of our own development
- Permanent quality control of production in our own factories
- All pump groups are available with or without circulation pump
- Delivery of complete pump groups
- Easy installation and maintenance

5 JAHRE . 5 YEARS . 5 ANS . 5 JAAR . GARANTIE

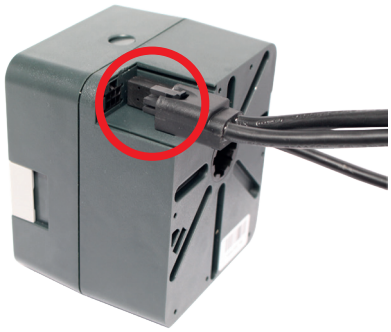
Functionality

BUTTON FOR MANUAL OPERATION

The manual operation of the motor drive is activated by pressing the button. This deactivates the control of the mixing valve and, if applicable, the circulation pump.

PLUG & PLAY

The compact motor drive features a built-in connection socket for the power cable, ensuring easy commissioning and time-saving maintenance.



CONTROL BUTTONS

The control buttons of HERZ Smartcontrol are located beneath the rotary knob, preventing unauthorized access to the drive settings.

DISPLAY

The colour graphic display with 240 x 240 pixels presents detailed graphics and information about the system clearly. The language selection and QR code for the data sheet and additional information are displayed.

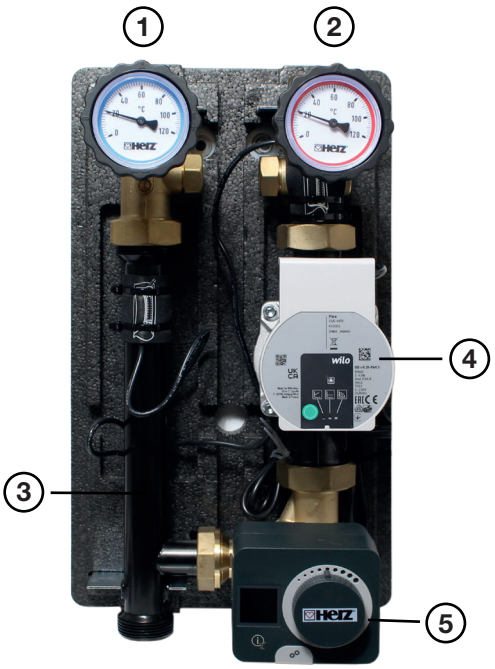
Technical data

Nominal pressure:	max. 10 bar
Max. operating temperature:	110 °C
Min. operating temperature:	0 °C / Water 0,5 °C
Short-term load:	120 °C (< 15 sec)
Distance between VL/RL:	125 mm
Dimensions:	DN 25; DN 32
Mixing valve control:	3 - point
Nominal voltage (power supply):	230 V
Nominal voltage frequency:	50 Hz
Power consumption in stand by:	0,5 W

Components

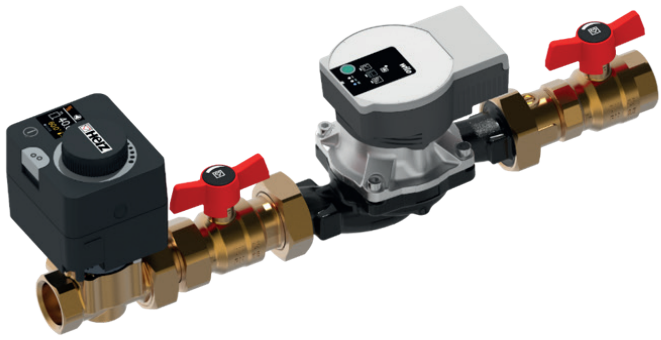
PUMPFIX Smartcontrol+

1. Ball valve with thermometer (blue) and non-return valve
2. Ball valve with thermometer (red)
3. Spacer with check valve
4. Circulation pump
5. Three-way valve with actuator with integrated weather-compensated control



Euromix Smartcontrol

The HERZ Euromix Smartcontrol return temperature set is used in heating systems for industrial and domestic applications. It protects the boiler by ensuring a sufficient return temperature. This prevents condensation and ensures efficient operation. The sensors supplied are used to continuously monitor the return temperature and the heat source.



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