

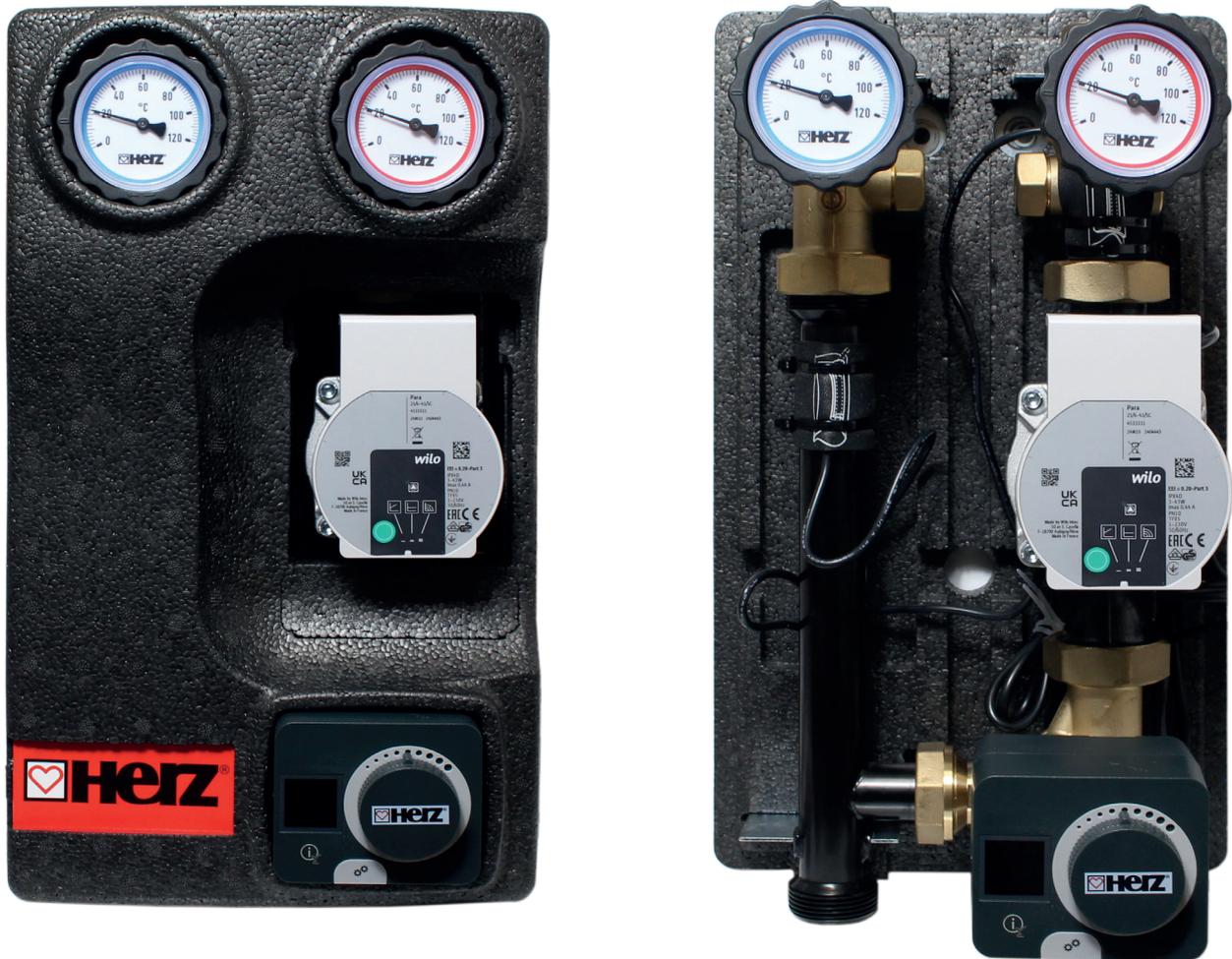
# PUMPFIX Smartcontrol+

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



## ☑ **Functionality**

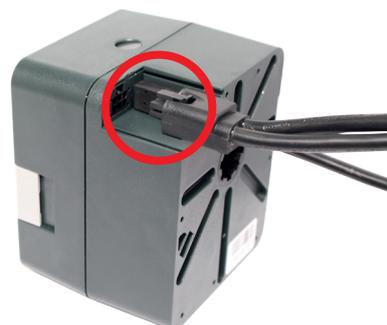
### **BUTTON FOR MANUAL OPERATION**

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.



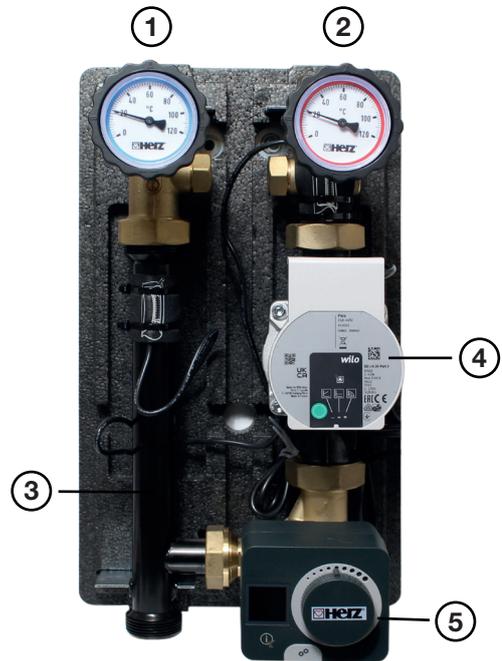
## ☑ **Technical data**

☑ 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.

