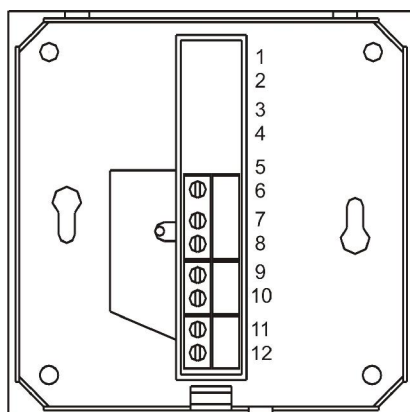
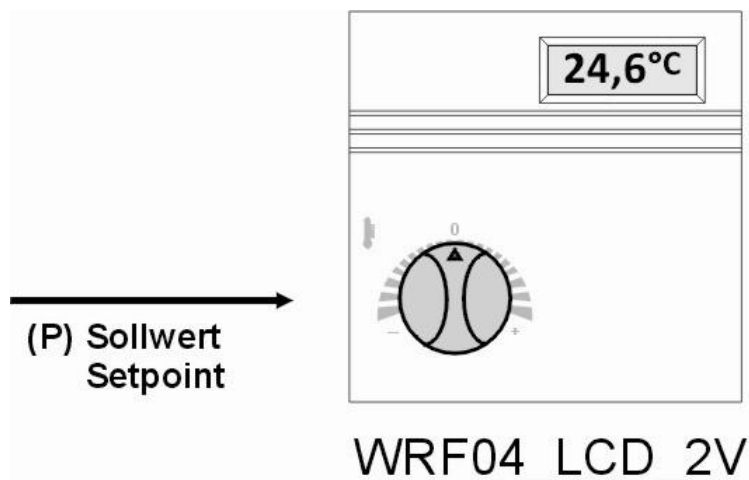


Function Description for WRF04LCD_2V



- 6 – OUT Temperatur 0-10V/ *OUT Temperature 0-10V*
- 7 – OUT Sollwert 0-10V / *OUT Set point 0-10V*
- 8 – GND
- 11 – GND
- 12 – 24VAC/DC

1 Overview

The WRF04LCD_2V is designed for connecting the room temperature and set point to a superior controller.

1.1 Display

The following display options can be activated:

Display room temperature	ON/OFF
Display set point temperature	ON/OFF
Display set point temperature	ABSOLUTE/OFFSET (only for type (1))
Display change of set point temperature	ABSOLUTE/OFFSET (only for type (1))
Unit temperature display	°C/°F
Change-over interval of display	0-65535s

1.2 Set Point Adjustment

For the display of the set point two types are distinguished and can be selected, accordingly.

Type 1 enables the display of the basic set point +/- of a set point change by means of the potentiometer. Position 0 (average position) corresponds to the basic set point. It is possible to select the presentation ABSOLUTE and OFFSET of the set point and the change of the set point temperature (display of potentiometer movements). The ABSOLUTE value corresponds to the value calculated from the basic set point and the potentiometer position. The OFFSET value corresponds to the set point offset calculated from the potentiometer position.

Type 2 presents a fixed set point range within limits that can be parameterised. The presentation of the set point is made in 0.5 k steps.

2 Output 0-10V

Temperature: 0...+50°C / 0...10V=, max 10 mA, (clamps 6-8)

Set point: 0...+50°C (adjustable range, configurable) / 0...10V=, max 10 mA, (clamps 7-8)

3 Order Information

For a smooth order processing we would like to ask you to include the following information in your order:

- Requested presentation of display
- Change-over interval of display
- Type of set point presentation
 - Type1:
 - Basic set point (standard 22°C)
 - Set point adjustment- upper limit (standard 3°C)
 - Set point adjustment -lower limit (standard -3°C)
 - Type2:
 - Set point - upper limit (standard 50°C)
 - Set point -lower limit (standard 0°C)