

# Typ: FTRFBu-180.117/V2



**Art.-No.:** BA010200

## **Features:**

Radio-controlled temperature sensor with set point adjuster, clock, 5...30°C

## **Application:**

Radio-controlled room temperature sensor for measuring temperature in home, office and hotel spaces with normal levels of cleanliness. A single room temperature control can be implemented when used with alre radio receivers. Primarily targets use in renovation applications or for heating system extensions.

Expensive breaking down and plastering work for cable laying is avoided. Particularly suitable for office floors in which the flexibility of the room partitioning is of primary importance.

Berlin „3000“ housing: Programming methods for every day, familiar from mechanical timers, by means of „electronic tabs“ (minimum switching time 15 min).

Battery change: If a battery change is required shortly, this is indicated by a flashing red LED on the transmitter. In addition, the upcoming required replacement is indicated at an early time on the display of the clock transmitter.

After a voltage interruption at the transmitter or receiver, the wireless connection is restored automatically.

## **Technical Data:**

Dimensions of housing:	110 x 26 x 110,7 mm
Dimensions of packaging:	115 x 45 x 115 mm

Learn mode/battery discharged state:	yes
Displaytype:	Symbol display
External setting:	yes
Configuration:	Radio transmitter for acquiring and setting the room temperature with the clock, extremely easy operation thanks to direct access buttons for "On/Off", holiday setting, party setting, operating mode and information call for displaying all the settings, different clock programs can be set for heating and cooling, usable as the master for master-slave operation (pilot controller)
automatic adjustment to standard/daylight savings time:	adjustable
Operation using direct-dial buttons:	yes
Operating voltage:	2x batteries Micro AAA, 1,5 V , 1.100 mAh
Design:	Berlin 3000
digital actual value display:	yes
Eco:	yes
Eco function:	yes
ECO value adjustable:	5...29°C
On Off:	yes
setting range to:	30
setting range from:	5
Electrical direct heaters:	yes
Electrical floor heating:	yes
Colour of housing:	pure white, like RAL 9010
Sensor:	NTC, internal
Radio frequency:	868,3 MHz
Function type:	010
Weight:	approx. 220 g
Actual value correction/Measured value correction:	customisation is possible for more accurate measurement results
Child-safe features:	Protection against unintentional mis-adjustment
Storage temperature:	-10...+50 °C
Learn function:	automatic adjustment of the controller to the start of the heating time; the goal is to achieve the comfort temperature at the time that has been set
Scope of supply:	transmitter, batteries, adhesive pads
Material of housing:	ABS plastic
mechanical range setting:	yes
Medium:	Air, not aggressive
Installation/fastening:	direct surface/wall mounting by means of screws or adhesive pads
Natural stone heating:	yes
Surface quality:	matt

Party setting:	serves, independently of the program that has been set or the operating mode, for a one-off activation of a comfort heating time
Pilot function:	for temperature reduction of other controllers
Control range up to:	30
Control range from:	5
Control function:	Heating and/or cooling
Range:	150 m line-of-sight or up to 30 m in buildings, depending on the construction
Degree of protection:	IP 30
Protection class:	III
Transmission interval:	approx. 3 min and after set value change
Safety and EMC:	according to DIN EN 60730 and DIN EN 300220
Scale - degrees Celsius:	yes
Set point adjuster:	yes
Reduction/Comfort/Automatic button:	yes
On/Off button:	yes
Information button:	yes
Party function button:	yes
Holiday setting button:	yes
Ambient temperature up to:	50
Ambient temperature from:	-10
Holiday setting:	serves for energy-saving during a prolonged absence and timely heating to the desired temperature at the time of return
Valve protection:	yes
heat pump:	yes
Factory setting:	heating system, ECO temperature relative, ECO temperature absolute 17°C, heating relative -2 K, cooling relative -2 K, holiday temperature like ECO, permanent indication of the time, program indication via shift segments activated, child protection deactivated, automatic summer/winter time switching activated, valve and pump protection function deactivated, learning function disabled, weekly timer programm: Mo.-Fr. 5am-9am / 4pm-10pm, Sa. Su. 6am-22pm
Accessories:	optional adapter snap-on plate JZ-18
Permissible atmospheric humidity:	max. 95% r.h., non-condensing