

**Meteodata 139 KNX**

1399200

**Weather forecast receiver**



**1. Designated use**

The Meteodata 139 weather forecast receiver supplies the locally measured temperature along with a weather forecast (e.g. wind strength, air temperature, precipitation as well as date and time) from the weather service, which is received over longwave. In cooperation with the Europäischen Funk-Rundsteuerung (EFR) [European Radio Ripple Control], HKW-Elektronik GmbH transmits weather forecasts for the European area. The forecast data is created by a reputable weather service, based on the satellite-supported global weather model. It is sent approximately every 6 hours; it is important, therefore, that the device is always ready for operation. The date and time are sent every 2 secs. The weather forecast receiver is suitable for wall mounting in buildings.

ETS (Engineering Tool Software) enables application programs to be selected, specific parameters and addresses to be assigned and transferred to the device.

**2. Safety instructions**

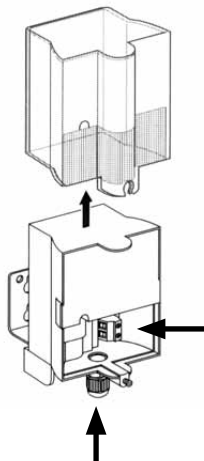
**NOTICE**

➤ Installation should only be carried out by a professional electrician!

Please note the provisions of EN 50428 for switches or similar installations for use in building system technology regarding the correct installation of bus lines and start-up of devices. Tampering with, or making modifications to, the device will invalidate the guarantee.

**3. Connection and physical address**

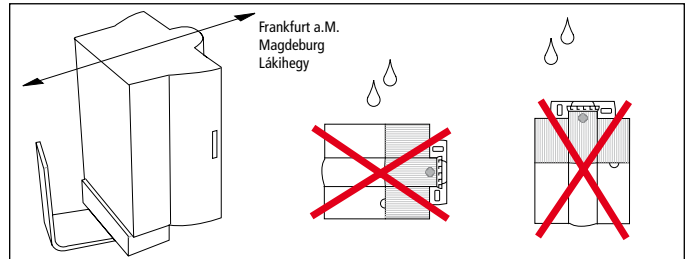
- Remove cover.
- Push cable through the cable gland into the terminal area.
- Connect the cable that has been introduced to the bus terminal.
- Take note of polarity when connecting.
- Push bus terminal all the way down.
- Using a screwdriver, press the program button of the physical address. The programming LED lights up. The device is in program mode.



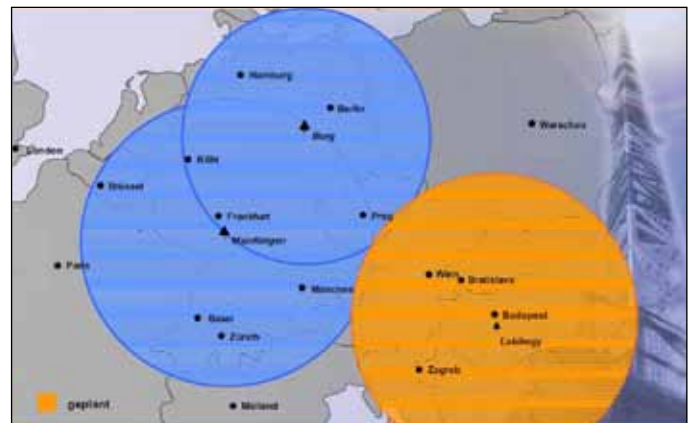
**4. Orient and install Meteodata 139 KNX**

Best reception is achieved by installing on outside of buildings pointing towards the nearest broadcaster.

- Take topographic circumstances into account (mountains,
- Only fit device in vertical position.
- Avoid installation in the vicinity of:
  - Switch mode power supplies
  - Radio transmitters
  - Metallic objects

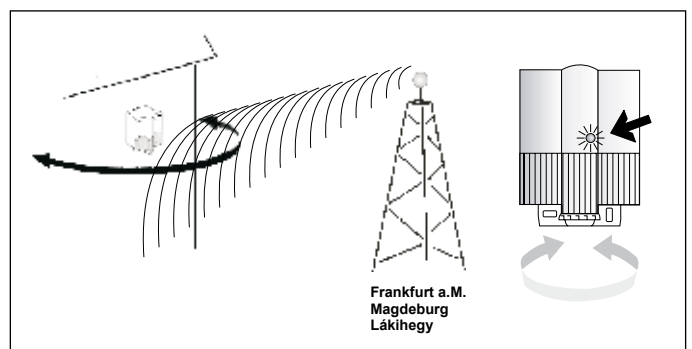


You can orient the device either towards Frankfurt a.M., Magdeburg or towards Lakihegy (Budapest, in preparation).



Depending on the reception quality, the red LED (bad reception) or the green LED (good reception) flash.

- Orient the device so that the green LED lights up permanently (best reception). When the reception is very bad the red LED lights up.



## 5. Technical data

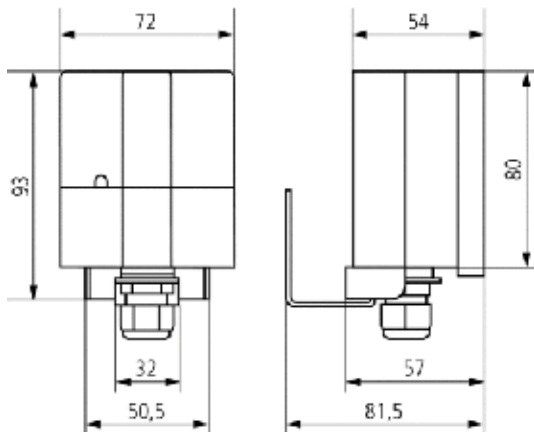
- Current consumption KNX bus:  $\leq 12$  mA
- Operating voltage: Bus voltage KNX
- Power consumption: max. 360 mW
- Permissible ambient temperature:  $-20$  °C ...  $+55$  °C
- Protection class: III
- Protection rating: IP 54 in accordance with EN 60529
- Cable: JSTY 2 x 2 x 0.8 mm (bus cable)
- Radio standard: EFR
- Reception frequency: 129 – 139 kHz



Powered by HKW

Observe additional technical data on the device rating plate!  
Technical changes reserved.

The ETS database is available at [www.theben.de](http://www.theben.de)  
Please refer to the KNX Handbook for detailed functional descriptions.



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