



30 000 424 - 1

**Wireless sensor
Window/door contact
FTKB-**

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

**Wireless window/door contact with solar cell and battery 75x25x12 mm.
Starting at 100 Lux daylight the window/door contact FTKB powers itself from a solar cell, otherwise several years with a button cell.**

On opening and closing, the related telegram is sent twice in short succession. The current status telegram is sent cyclically every approx. 8 minutes.

Adhesive foil mounting.

Window/door contact dimensions lxwxh:
75x25x12 mm;
magnet dimensions lxwxh:
37x10x6 mm.

If the power supply of the solar module is insufficient, the electronics is powered by an internal button cell CR2032 for several years. To change only the housing has to be opened. This is also required to activate the battery supply by pulling out an insulating strip.

When the teach-in button is pressed, the sensor teach-in telegram is sent. When the teach-in button is released, the voltage telegram is sent with the same ID. The current status telegram is sent cyclically every approx. 60 minutes.

For teaching-in into a teachable actuator, the housing has to be opened and the inner button has to be pressed.

After window/door contacts FTKB are taught-in in switching actuators FSR14, it is possible to link up to 116 FTKs. Please refer to the actuator operating instructions.

When a wireless window/door contact FTKB is taught-in in switching actuators FSB14, FSB61NP or FSB71, a lock-out protection is set up while the door is open and disables a Central Down command. Please refer to the actuator operating instructions.

After the window/door contacts FTKB are taught-in in switching actuators FHK14, FHK61, FZK14 or FZK61, heating and air-conditioning equipment are switched off when windows are opened.

Both the window/door contact and the magnet have an approx. 10 mm long notch to mark the point where they must be located next to each other when the window is closed. They may not be spaced more than 5 mm apart.

The crossed-out waste container indicates that batteries may not be disposed with other household or commercial waste. Batteries can be returned free of charge to the retail outlet after use.



Attention: Danger of explosion if battery is replaced improperly. Only replace it by an equivalent type!

Sensor telegrams (EEP: D5-00-01)

Teach-in telegram: 0x00000000

ORG = 0x06

Data_byte3 = Vcontact closed = 0x09

Contact open = 0x08

Voltage telegram:

ORG = 0x07

Data_byte0 = 0x08

Data_byte1 = 0x00

Battery voltage:

Data_byte2 = 0x00..0xFF equivalent to 0..5 V

Energy storage:

Data_byte3 = 0x00..0xFF equivalent to 0..5 V



enocean®

**THE UNIQUE WIRELESS PROFESSIONAL
SMART HOME STANDARD**

Frequency 868.3 MHz

Transmit power max. 10 mW

Hereby, Eltako GmbH declares that the radio equipment type FTKB-wg is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: eltako.com

Must be kept for later use!

Eltako GmbH

D-70736 Fellbach

Technical Support English:

+49 711 94350025

technical-support@eltako.de

eltako.com

17/2021 Subject to change without notice.