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30 999 006 - 1



## Radio pushbutton inserts FTE215, FTE215BLE and FTE216Z

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

### Radio pushbutton inserts with EnOcean energy generator for other brands.

Generates the power for wireless telegrams itself when the button is pressed, therefore there is no connecting wire and no standby loss.

The scope of supply comprises the mounting base and the attachment frame with inserted EnOcean module PTM215 (encryptable), PTM216B (Bluetooth) or PTM216Z (Zigbee), combinable for example with E-Design universal frame and rocker W-F2T55E or double rocker DW-F4T55E.

Wireless pushbuttons with one rocker can transmit two evaluable signals, wireless pushbuttons with double rocker can transmit four evaluable signals.

The mounting base can be screwed onto a flat surface or glued to the wall, on glass or on furniture using the enclosed adhesive foil. Use the sleeves in the 55 mm socket box for screw mounting.


**Before screwing**, remove the attachment frame comprising the wireless module from the mounting base. To do this, press the latches on the mounting base outwards. Then screw or glue the mounting base - with the latches at top and bottom - snap on the frame with the attachment frame and snap on the attachment frame comprising the wireless module - with the marking 0 on the back always pointing to the top.

We recommend stainless-steel counter sunk 2.9 x 25 mm, DIN 7982 C, for screw connections. Both with rawl plugs 5 x 25 mm and with 55 mm switch boxes.

### Usability with the frames following manufacturers:

manufacturers	Designation
Berker	S1, B1
Gira	Standard 55, E2, Event
Hager	Kallysto Pur
Jung	A500, AS500, A Plus
Merten	Smart M, M-Pure, M-Plan
OPUS	InForm, Fusion
Schneider	Single frames

#### **FTE215:**

The wireless module PTM215 can be taught-in encrypted in all actuators from the series 61, 62 and 71, and also in the FAM14 compatible with the encryption .

#### **FTE215BLE:**

The wireless module PTM216B inside the pushbutton kann be taught-in in Bluetooth devices. Bluetooth Low Energy works with 2,4 GHz frequency.

The radio telegrams are encrypted with AES-128 (CBC). The wireless module PTM216B has an NFC interface according to ISO 14443.

#### **FTE216Z:**

The included EnOcean module PTM216Z (Zigbee Green Power) can be paired with Zigbee devices. Zigbee works in the 2.4 GHz band.

The radio telegrams are encrypted with AES-128 (CCM). The PTM216Z radio module offers an NFC interface according to ISO 14443 for easy configuration.

### Teaching-in wireless sensors in wireless actuators

**All sensors must be taught-in in appropriate actuators so that they can detect and execute commands.**

The teaching-in procedure is written in the actuator manual.

### Manuals and documents in further languages



[https://eltako.com/redirect/FTE215\\_FTE215BLE\\_FTE216Z](https://eltako.com/redirect/FTE215_FTE215BLE_FTE216Z)



**enocean®**

THE UNIQUE WIRELESS PROFESSIONAL  
SMART HOME STANDARD

#### **FTE215**

Frequency	868.3 MHz
Transmit power	max. 10 mW

#### **FTE215BLE + FTE216Z**

Frequency	2402 - 2480 MHz
Transmit power	max. 1 mW

**Hereby, ELTAKO GmbH declares that the radio equipment type FTE215, FTE215BLE and FTE216Z 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](http://eltako.com)**


**Must be kept for later use!**

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