

Radio hand-held transmitter EFS-xMP

Features

- Compact, ready-to-use hand-held transmitter with 6 buttons
- Pre-programmed at the factory and configurable by the user
- Configurable for our fixed-code or Keeloq protocol
- Compatible with most of our radio receivers (433 MHz and 868 MHz)
- LED to indicate transmission
- No registration or licence fees required for use in the EU and Switzerland

Description

The hand-held transmitters of the EFS-xMP series are compact and affordable devices, available for both the 433.92 MHz and 868.3 MHz frequency bands. However, the frequency band cannot be changed.

The code is usually set at the factory and is matched to the corresponding radio receiver.

With the appropriate programming adapter, the user can change the configuration.

The necessary software is available free of charge.

Function

The radio hand-held transmitters EFS-xMP can be used in combination with most of our radio receivers (433 MHz and 868 MHz). They can be programmed for either a fixed-code or a Keeloq (rolling code) application.

The functions are set on the radio receiver. The handheld transmitter simply transmits a code, which the radio receiver uses to execute the relevant function.

When used with a suitable radio receiver, the user benefits from a flexible system that can be adapted at any time to their needs and the specific application.

Technical Data

Frequency	433.92 MHz 868.3 MHz (cannot be changed)
Transmission power	Max. 1 mW
Range (in the open field)	Ca. 100...150 m
Number of channels	6
Operating element	Push buttons
Labelling	Laser marking on request
Code	20-bit (linear) 66-bit HCS301 protocol (Keeloq)
Code setting	Factory configured and user-configurable (programming adapter required)
Modulation	ASK (AM)
Transmission control	Optical (LED)
Current consumption	Typ. 7 mA (Max. 15 mA)
Power supply	3V (CR2032 Lithium)
Protection class	IP40
Dimensions	75 x 40 x 16 mm
Weight (incl. battery)	28 g
Operating temperature range	-10...+50 °C

EFS-2MP



EFS-4MP



EFS-6MP



Scope of Supply

- 1 x Radio hand-held transmitter EFSxMP with a key ring
- 1 x 3V lithium battery (CR2032)

Safety Instructions



- These radio hand-held transmitters are not permitted for use in safety-relevant systems and are not SIL- or PL-certified!
- If certain safety requirements are made, these must be implemented by higher-level measures with approved equipment.
- Do not control any application where there is danger to life and limb or where material damage may occur if you do not have visual contact with the application!

Installation Instructions



- Installation/commissioning may only be carried out by specialist companies or appropriately qualified personnel!

Operating Instructions



- The units may only be used as described in the manual.
- Only undamaged units may be used under the specified environmental conditions.

Order Code

Number of buttons

- 2MP** 2 buttons --> No longer available, replacement device **EFS-2RP**
4MP 4 buttons --> No longer available, replacement device **EFS-4RP**
6MP 6 buttons

Frequency

- 433** 433.92 MHz
868 868.3 MHz

Protocol (not part of the article title)

- FCP** Fixed-code protocol (when using radio receivers with switch contacts/relays)
Please provide the code when placing your order (e.g. 100001...6)
HCS Keeloq protocol (when using radio receivers with an interface)
Please provide the address and ID when placing your order (e.g. Address 14, ID 59)

E F S - 6 M P - 4 3 3 - F C P