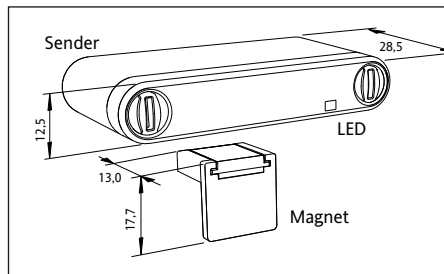




Installation and Operating Instructions RF Window Contact

IN STAT 868-r1F



2 Function description

The rf window contact transmits via radio signal window-open or window-closed signals to the INSTAT 868-a1uP Radio Receiver.

2.1 LED function

Flashing RED Window is being opened
Flashing GREEN Window is being closed

2.2 Replace battery when

- LED flashes three times after window opening or closing
- LED flashes RED every 9 seconds

The device is no longer functioning when LED is lit RED constantly.

2.3 Battery exchange

See section 3 Installation, points 1, 2, 4

Use exclusively battery type CR2032.

Note: Coding between transmitter and receiver remains stored also during battery exchange; no new programming is necessary.

3 Installation

1. Release screws on the top part of the transmitter to remove the top part.
2. Pull clip to remove battery bracket and insert battery into the bracket (see figure). The positive pole must point upwards (must be visible). Push battery bracket onto the bridge above the printed board.
3. Use the attached screws or adhesive tape to fasten the transmitter to window frame.
4. Attach top part of the transmitter by closing screws.

5. Attach magnet on the window pane, exactly opposite the contact area marked on the bottom part of the transmitter. The clearance between the magnet and the transmitter must not be larger than 5 mm.

Caution:

Unobstructed radio link must be provided. Installation in distributor panels, metal cases, close to large metal objects, on the ground or close to the ground should be avoided.

4 Commissioning

1. Establish radio link – see Operation Manual for INSTAT 868-a1uP Radio Receiver
2. Functional test.
Scrub along the contact surface of the sensor with the magnet (dashed frame on the bottom side). The LED flashes, the receiver switches (relay on the receiver must be switched on; therefore set the transmitter to 30°)

5 Troubleshooting

If the receiver fails to react when opening/closing the window, check the following:

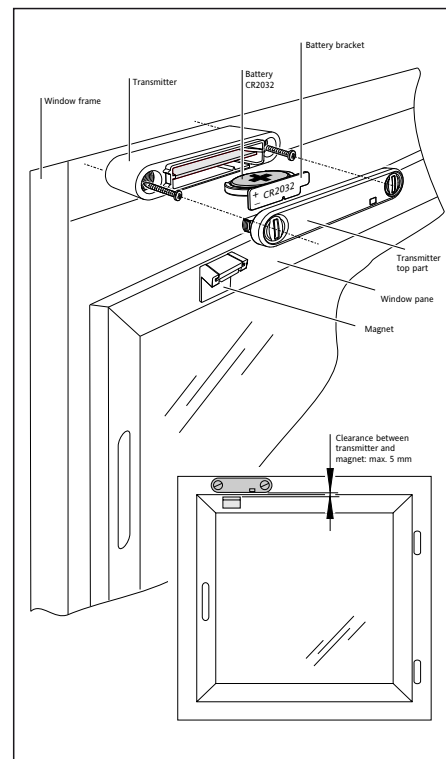
- Is the LED flashing? See 2.1, 2.2
- Is unobstructed radio link provided between transmitter and receiver?
- Carry out new transmitter and receiver programming if necessary.

Note:

In rare cases, no radio link between radio transmitter and radio receiver can be established permanently. Therefore we recommend to test the operational reliability at the relevant area of installation.
Repeater INSTAT 868-rep cannot be used along with the window contact.

6 Common technical data

Model No.	INSTAT 868-r1F
Order No.	0536 13...
Frequency	868,95 MHz
Voltage supply	Batterie 1x 3-V Type CR2032
Signal lamp	LED red/green
Antenna	internal
Typical radio link range	100 m in open air or 1 ceiling or 3 walls
Operating temperature	-20°C bis +60 °C
Software class	A
Degree of pollution	2
Protection class of housing	IP54
Dimensions	Transmitter 65 x 12 x 28 mm Magnet 18 x 18 x 13 mm
Gewicht	Transmitter 20,6 g Magnet 2,2 g



Recycling



Batteries must not be disposed of in the household waste. For the sake of environmental protection, they must be disposed of according to the applicable regulations. Batteries can be disposed of where they were originally purchased or at the relevant recycling plants.

This product should not be disposed of with household waste. Please recycle the products where facilities for electronic waste exist. Check with your local authorities for recycling advice.

This radio transmitter can be used in all EU and EFTA countries.

The manufacturer hereby declares that this device conforms to the basic and other relevant requirements laid down by Directive R&TTE (1999/5/EC).
Declaration of Conformity can be viewed at "www.funk868MHz.de".

