

## Operating instructions (translation)

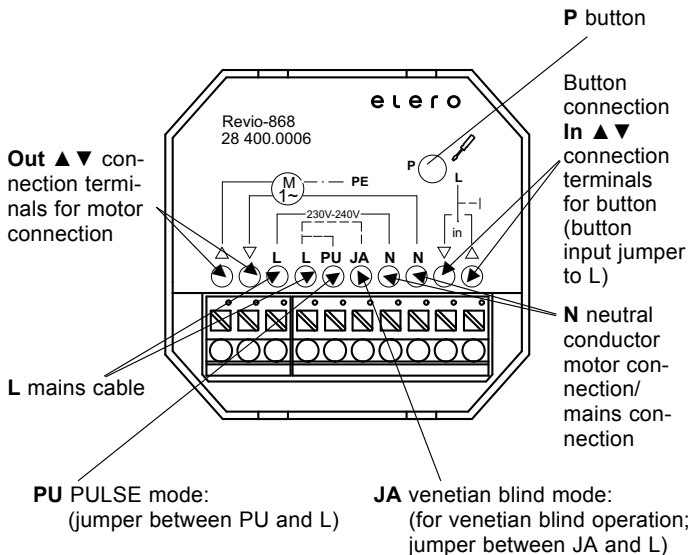
Keep the operating instructions in a safe place!

# Contents

<b>Device explanation</b> .....	3
<b>Safety instructions</b> .....	4
<b>Exclusion of liability</b> .....	4
<b>Scope of supply</b> .....	6
<b>General information</b> .....	6
<b>Intended use</b> .....	6
<b>Exclusion of liability</b> .....	6
<b>Instructions for radio operation</b> .....	7
<b>Installation/connection</b> .....	8
Installation and connection .....	8
Tubular motor connection .....	9
Venetian blind drive connection .....	9
Connection in pulse mode .....	9
<b>Optimal use of the radio signal</b> .....	10
<b>Senses of rotation - device outputs</b> .....	10
<b>Explanations</b> .....	11
Out ▲ ▼ connection terminals .....	11
Venetian blind jumper .....	11
Jumper between PU and L .....	11
In ▲ ▼ connection terminals .....	11
P button .....	11
<b>Programming the transmitter/channel</b> .....	12
Commissioning .....	12
Programming additional transmitters .....	12
Programming positions .....	12
Approaching positions .....	12
Deleting positions/deleting transmitters .....	12
<b>Technical data</b> .....	13
<b>Disposal</b> .....	13
<b>Notes on troubleshooting</b> .....	13
<b>EC Declaration of Conformity</b> .....	14


# Device explanation

## Device explanation



Roller shutter mode:  
**no** jumper  
between L and PU or  
between L and JA

## Safety instructions / Exclusion of liability

	<b>STOP!</b>
	<p>Observance of the operating instructions is the prerequisite for disturbance-free operation and entitlement for claims related to defects.</p> <ul style="list-style-type: none"><li>• Therefore, first read the operating instructions before you use the device!</li><li>• Ensure that the operating instructions are available to the user in legible form.</li><li>• The operator must ensure that the basic safety measures are observed and fulfilled.</li><li>• The operator must have completely read and understood the operating instructions.</li></ul>

### Exclusion of liability:

It is essential to observe these operating instructions for use if the Revio-868/-915 is to be used safely and if the various product characteristics and performance features are to be achieved.

**elero** GmbH assumes no liability for personal injuries, property damages and financial losses that arise from non-observance of the operating instructions.

Liability for material defects is excluded in such cases.

# Safety instructions



## CAUTION!

**Observe the following safety instructions.**  
**Failure to observe them can lead to bodily injuries!**

### General

- Never install or commission devices which are damaged.
- Only use unmodified original **elero** parts.
- If the device is opened without permission or used in an improper manner, or if it is incorrectly installed or operated, there is a risk of damage to persons and property.
- The device contains small parts which can be swallowed.

### Installation

- All installation work must be carried out by an electrician.
- This electrician must be suitably qualified.
- Observe any country-specific conditions when installing the device.
- The device may only be used by persons who have read and understood the operating instructions.

### Operation

- Use only in dry rooms.
- If one or more transmitters are used for controlling the system, then the system must be visible during operation.
- Keep children away from the control units.

# Scope of supply / General information / Intended use

## Scope of supply

Revio-868/-915  
Operating instructions

## General information

The Revio-868/-915 is a flush-mounted radio receiver. It is suitable for the operation of 230 V drives for roller shutters, awnings and venetian blinds.

## Intended use

The radio receiver may be used exclusively for the control of roller shutters, sun protection systems and venetian blinds fitted with **elero** drives.

Other use, or use beyond this is not considered to be use for intended purpose.

Devices from other manufacturers must be connected after consultation with a specialist.

The Revio-868/-915 must not be operated with isolating relays.

## Exclusion of liability

**elero** GmbH is not liable for damage arising from:

- Other use than described above
- Changes to the device
- Improper use

Please see the technical data contained in these operating instructions.

## Instructions for radio operation



### CAUTION!


**Observe the following safety instructions for radio operation!**

**Only use radio systems if they are allowed and can be operated without interference.**

- Please note that radio systems must **not** be operated in areas with an increased risk of interference (e.g. hospitals, airports, ...).
- The remote control is only approved for devices and systems for which any malfunction of the transmitter or receiver would not result in a risk for persons, animals or property, or if such a risk is covered by other safety equipment.



# Installation / Connection

## Installation and connection

	<b>NOTE!</b>
	<p>Before installation in the required position, check that the transmitter and receiver are functioning properly.</p> <p>The flush-mounted housing has to be fixed so that the drill hole does not touch any electrical lines.</p>

## Connection

Please refer to the Control Catalogue if you want to set up an entire control system.

 	<b>WARNING!</b>
	<p><b>Risk of injury due to electrocution!</b></p> <ul style="list-style-type: none"><li>• Electrical connection must be carried out by a qualified electrician!</li><li>• The device offers protection to the back of the hand, but no protection against deliberate contact with a body part.</li><li>• Do not bend, shorten or extend the antenna.</li><li>• Use an insulated tool to operate the programming button <b>P</b> (insulation strength 4 kV).</li><li>• Observe the switching current of the device.</li></ul>

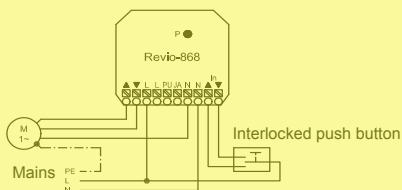
	<b>PREREQUISITE!</b>
	Flush-mounted housing, Ø 58, depth 60 mm.



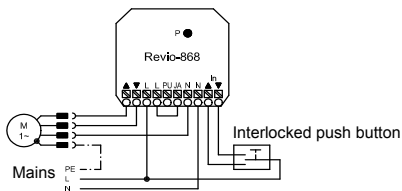
# Connection

1. Install the Revio-868/-915 in the housing.
2. Connect the stripped wires without end sleeves as follows:

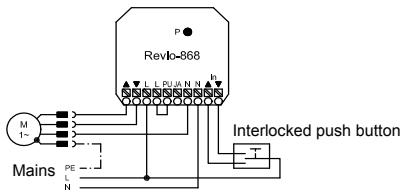
## Tubular motor connection



## Venetian blind drive connection




## Venetian blind in pulse mode



# Optimal use of the radio signal / Senses of rotation - device outputs

## Optimal use of the radio signal

- Do not bend the antenna.
- Do not shorten or extend the antenna.
- If reception is poor, change the position of the antenna.
- Position the antenna for best reception.
- It is important that the antenna does not lie against metal.
- Using a number of receivers may cause interference.

	<b>NOTE!</b>
	Radio systems, which operate on the same frequency, can lead to reception interferences. Please note that the range of the radio signal is limited by the government and the built environment.

## Senses of rotation - device outputs

After connecting the drive, check the senses of rotation compared to the device outputs.

The first automatic movement in the programming mode must be in the UP/retract direction.

If this is not the case, please reverse the output connections.

# Explanations

## **Out ▲ ▼ connection terminals for motor connection**

The outputs are intended for the connection of the drive.  
The arrows on the device show the sense of rotation of the drive.

## **Venetian blind jumper between JA and L**

If you install a jumper between L and the terminal JA, you can control a venetian blind in momentary mode using the Revio-868/-915. However, if you press a button for longer than 3 seconds, the Revio-868/-915 operates in maintained mode.

## **Jumper between PU and L**

The Revio-868/-915 can be used for precise tilting of venetian blind slats in combination with a venetian blind drive. The Revio-868/-915 has a pulse mode for this purpose. This means that the drive is operated for the pulse duration when the button on the transmitter is pressed briefly. The standard pulse duration can be modified using the transmitter.

## **In ▲ ▼ connection terminals for button**

It is possible to connect a button/an interlocked push button to the In ▲ ▼ connection terminals in order to control the Revio-868/-915. This means that the Revio-868/-915 can also be used without radio control.

If the Revio-868/-915 is used to control a drive, a movement is started by pressing a button for a longer time (at least 1.8 s). The movement stops when you press one of the buttons briefly.  
Button press < 300 milliseconds: STOP.


## **P button**

An interruption of the power supply is simulated by pressing the P button (required for programming the transmitter).

# Programming the transmitter / channel

## Commissioning

(connecting a tubular motor or a venetian blind drive)

	<b>PREREQUISITE!</b>
	The Revio-868/-915 is installed. (→ see chapter Connection RM/JA) The end positions must be set.

The jumpers (tubular motor/venetian blind drive connection/venetian blind in pulse mode) must be installed before programming of the transmitters.

1. After restoration of power **or** by pressing the **P** button (at least 5 s), the Revio-868/-915 is in programming mode for 5 minutes.
2. Programme the transmitter (→ see transmitter instructions).

## Programming additional transmitters

→ see transmitter instructions

## Programming positions

→ see transmitter instructions

## Approaching positions

→ see transmitter instructions

## Deleting positions/deleting transmitters


→ see transmitter instructions

## Disposal

Dispose of the device as specified by national regulations for disposal of electronic waste (e.g. suitable collection points).

# Technical data / Disposal / Notes on troubleshooting

## Technical data

Nominal voltage	230 - 240 V AC / 50 to 60 Hz
Switching current	3 A
IP Code	IP 20
Permitted ambient temperature	0 to 55 °C
Radio frequency	868 MHz frequency band
Type of installation	Flush-mounted housing, Ø 58 mm, depth 60 mm. Corresponding surface-mounted housing
Dimensions	L 50 x W 48 x H 27 mm
Maximum number of transmitters	16 transmitters
Conformity	

## Notes on troubleshooting

Fault	Cause	Remedy
Drive does not run	Wrong connection	Check connection
Drive runs in the wrong direction	Directions are incorrectly programmed	Delete transmitter and programme correctly
No radio reception	<ul style="list-style-type: none"><li>• Transmitter is not programmed</li><li>• No power supply</li></ul>	<ul style="list-style-type: none"><li>• Programme the transmitter</li><li>• Switch on power supply</li></ul>
Bad radio reception	Unfavourable position of the antenna/receiver	Change the position of the antenna/receiver

# Declaration of Conformity

## Declaration of conformity

**elero** GmbH hereby declares that the device complies with the basic prerequisites and the other relevant provisions of the directives. The complete declaration of conformity can be found in the download area of [www.elero.com](http://www.elero.com)



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We reserve the right to make technical changes.

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