



Awning motors

Rojaflex series ELFIM-45M

With cloth length compensation and integrated radio receiver

ORIGINAL ASSEMBLY AND OPERATING INSTRUCTIONS

Eine aktuelle Vollversion der Anleitung finden Sie hier/
You can find a current full version of the manual here/
Vous trouverez ici une version complète et actuelle du mode d'emploi/
Puede encontrar una versión completa actual del manual aquí/
Potete trovare una versione completa attuale del manuale qui/
Een actuele volledige versie van de handleiding vindt u hier/
Aktualną, pełną wersję podręcznika można znaleźć tutaj/
A kézikönyv aktuális, teljes verzióját itt találja:

Original Montageanleitung **DE**

Original instructions **EN**

Mode d'emploi original **FR**

Instrucciones originales **ES**

Manuale d'uso originale **IT**

Originele gebruiksaanwijzing **NL**

Oryginalna instrukcja obsługi **PL**

Eredeti összeszerelési útmutató **HUN**





ELFIM-45M series
with cloth length compensation,
integrated radio receiver
and electronic limit switches

ELFIM-45M-30/15
ELFIM-45M-50/12



Art. No.	
ELFIM-45-M-30/15	1000018667
ELFIM-45-M-50/12	1000018668

ATTENTION!
After unpacking, compare the device type with the corresponding information on the type plate. Incomplete devices or devices that do not comply with the specifications must not be put into operation and must be reported to our customer service department (see contact information) before commissioning.

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 **Important safety instructions!**
For the safety of persons it is important to follow these instructions!

Please keep the manual and hand it over to the new owner in case of change of ownership!

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children are not allowed to play with the device.

Cleaning and maintenance by the user must not be carried out by children without supervision.

 **WARNING!**

The motor must be disconnected from its power source during cleaning, maintenance and parts replacement.

After unpacking, compare the motor type with the corresponding information on the nameplate.

Incomplete devices or devices that do not comply with the specifications must not be put into operation.

 **WARNING!**

Non-observance may result in danger to life!

During all work on electrical there is a risk of fatal injury from electric shock!

The mains connection of the motor and all work on electrical installations may only be carried out by an authorized electrician in accordance with the connection diagrams in this manual.

Carry out all assembly and connection work in a de-energized state.

For use in damp rooms, observe the regulations for installation in damp rooms, especially DIN VDE 0100, Parts 701 and 702.

Observe the protective measures contained in these regulations.

The use of defective devices can endanger persons and cause damage to property (electric shock, short circuit).

Never use defective or damaged equipment.

Check the motor and power cord for intactness.

 **Please contact our service department (see last page for contact details) if you notice any damage to the device.**

 **ATTENTION!**

It is essential to observe the notes on installation and connection!
Improper installation and assembly can lead to serious injuries!

Lay the power cable of the motor internally in the empty conduit up to the junction box, observing the local electrical regulations.

Mains cables must not be laid in the winding space of the plant. Make sure that the power cable does not come into contact with moving parts of the plant.

 For the electrical connection, a power connection with 230 V/50 Hz and an on-site disconnecting device (fuse) must be permanently available at the installation site.

 To avoid hazards, the power cord may only be replaced by the manufacturer, its customer service or a similarly qualified person.
Only the same cable type may be used, supplied by the motor manufacturer, may be used.
Attach permanently mounted control devices visibly.
Both rated torque and rated operating time must be compatible with the characteristics of the driven equipment.

 **ATTENTION!**
Observe the notes on installation and operation of the system!
Failure to observe this warning may result in risk of injury!
Proper operation of the equipment is only guaranteed if it is properly installed, mounted, supplied with sufficient power and maintained.
Secure the system against unauthorized operation.
Take safety precautions against unintentional switch-on.
Before working on the system, disconnect all connecting lines to be installed from the power supply and secure them against unintentional reconnection. Remove all lines that are not required.

Set all devices that are not required for operation with the motor out of operation.
Attach the operating element of a manual release (emergency hand crank) below a height of 1.8 m.

 **ATTENTION!**
It is essential to observe the instructions for correct use and the operating conditions!
There is an increased risk of injury if used improperly!
Use the motors only for opening and closing awnings or textile sunshades. Only use original components and accessories from the manufacturer. Instruct all persons in the safe use of the engine.

Watch the moving equipment and keep people away from it until the movement has stopped.
Place warning signs on automatically moving equipment if necessary.

Prohibit children from playing with stationary controls or with the remote control.
Store the handheld transmitter in such a way that unintentional operation, e.g. by children playing, is impossible.
Carry out all cleaning work on the sun shading system in a de-energized state. Take special care with moving and open / extended equipment, as parts may fall if fastenings (e.g. springs, brackets, consoles, etc.) weaken or are broken.

⚠ ATTENTION!

The following mounting instructions must be observed!

Before mounting, compare the mains voltage / frequency specifications on the nameplate with those of the local mains.

The changeover time for changing the running direction must be at least 0.5 seconds!

The switches or controls used must not execute a simultaneous UP/DOWN command!

Moving parts of motors operating below a height of 2.5 m above the ground must be protected.

The winding shaft must be mounted horizontally! If the hangings are wound up at an angle, the motor or the hangings may be damaged.

Inspection openings must be easily removable and accessible and must not be permanently closed off inaccessibly.

⚠ IMPORTANT!

For permanently installed devices, a disconnecting device for each phase must be provided on the part of the installation in accordance with DIN VDE 0700.

Switches with a contact opening width of at least 3 mm (e.g. circuit breakers, fuses or RCDs) are considered to be disconnecting devices.

The liability of the manufacturer for defects and damage is excluded if these are due to non-observance of the assembly and operating instructions (incorrect installation, incorrect operation, etc.).

⚠ ATTENTION!

The following installation instructions must be observed!

The range of radio controls is regulated by the legal requirements for radio equipment and is influenced by structural conditions, among other things.

When planning, make sure you have adequate radio reception.

This is especially true if the radio transmitter is located in a different room than the radio receiver, and therefore the radio signal must penetrate walls or ceilings.

Do not install the radio control in the direct vicinity of large metallic surfaces.

Other transmitting equipment (e.g. radio headphones, baby monitors, radio weather stations) whose transmission frequency is identical to that of the radio control unit may interfere with reception.

⚠ IMPORTANT!

Disposal instructions!

European Directive 2012/19/EU (WEEE)

Our electrical and electronic products are marked with a crossed-out wheeled garbage can, which indicates that these products and any batteries they may contain must be collected separately at the end of their life and must not be disposed of with other household waste.



The substances contained in these products may have negative effects on health and the environment, so users of electrical products and batteries also have a responsibility in recycling these waste materials and in this way contribute to the protection, preservation and improvement of the environment.

Obligation for separate disposal

Our duty as manufacturers is, among other things, to inform you of your obligation to separate disposal.

- When disposing of products with batteries, remove them from the product and dispose of them separately.
- When disposing of illuminants, they must be disposed of separately to the receptacle.

Return option and Recycling program EU

We are connected to public-law return systems throughout Europe and thus offer our customers access to a Europe-wide network of local recycling facilities (recycling centers, take-back points or similar).

Our products are professionally recycled via these local facilities. This reduces the amount of waste - to the benefit of the environment.

Our registration numbers:

	Reg. no.*
WEEE	DE 41060608
Battery	DE 88866710
Illuminant	
Transport and Shipping packaging	DE5768543732165

***For registration data of other European countries, see Contact Information page.**

A take-back by us as manufacturer according to §19 WEEE is not to be asserted.

Information on the degree of fulfillment of the collection and recycling requirements

It is also our duty as a manufacturer to inform you about the degree of fulfillment of the collection and recycling requirements. Since we are connected to a qualified take-back system, we can refer to the degree of fulfillment of the recycling companies.

You can find this information on our website.

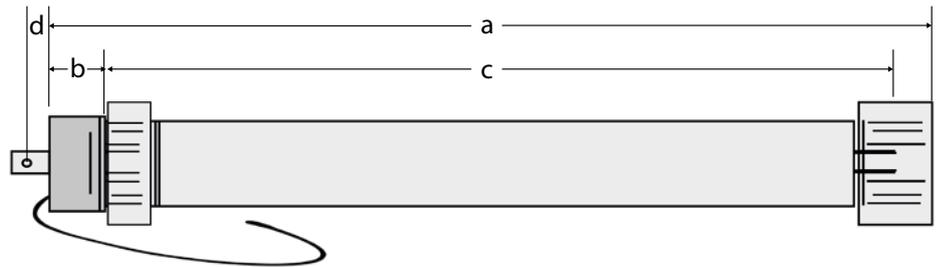
Deletion of personal data

Some of our products contain personal data. This applies in particular to information and telecommunications technology devices such as computers and smartphones. In your own interest, please note that each end user is responsible for deleting the data on the old devices to be disposed of!

Technical Data

Motor type	Mains voltage	Mains-Frequency	Current recording	Engine power	Output torque	Output speed	Duty cycle	Temperature range	Protection class	Insulating material class	Capacitor	Emission-sound pressure-	Dimensions (mm)
ELFIM-45M 30/15	230 V ~	50 Hz	0,87 A	200 W	30 Nm	15 Min ⁻¹	4 Min.	-10 °C / +50 °C	IP 44	H	6 µF	≤ 70 dB	a=690 / B=19 C=646 / d=8,5
ELFIM-45M 50/12	230 V ~	50 Hz	0,99 A	228 W	50 Nm	12 Min ⁻¹	4 Min.	-10 °C / +50 °C	IP 44	H	7 µF	≤ 70 dB	a=690 / B=19 C=646 / d=8,5

Radio frequency	Radio system	Protection class
433,05 - 434,79 MHz	Rolling Code/ Rojaflex Bi-Directional	I



Scope of delivery

Compare after unpacking:

- the package contents with the information on the scope of delivery in these instructions.
- the motor type with the corresponding information on the nameplate.

Please refer to the packaging for the type designation, the technical data from the table above.

If necessary, incomplete devices or devices that do not comply with the specifications must not be put into operation and a complaint must be lodged with our customer service (see contact information) before the motor is installed!

Drive

(Model / type see package specification)
incl. 0.5 m connection cable with
Hirschmann connector STAS-3 (pre-assembled)
and adapter/driver DS78 (preassembled)

Standard accessories (included in the scope of delivery)

Awning storage (1)
Assembly and operating instructions

Special accessories

Hirschmann* coupling Stak-3 (2)
*Hirschmann or Hirschmann-compatible coupling



1



2

Prepare assembly

- Before starting the installation, please read the operating instructions carefully and completely and observe the safety instructions (pages 3-5).
- Make sure that the awning is not damaged and that it opens and closes smoothly. If necessary, have damaged parts replaced.
- Before installation, check all moving parts for tight fit in the bearings and brackets (support tube, fabric shaft, joints, arm holders) and make sure that the joint arms of the awning cannot move uncontrollably.
- Always use appropriate protective equipment (gloves, safety shoes, etc.).
- Before use, check all work equipment (scaffolds, ladders, tools, etc.) and all safety equipment (harnesses, ropes, etc.) for integrity.
- Take safety precautions against unintentional operation of the system.
- Before working on the system, disconnect all connecting lines to be installed from the power supply and secure them against unintentional reconnection.
- Never use defective or damaged equipment.
- Check that the motor and power cord are intact.
- Lay the power cable in a loop so that water cannot enter the motor head.
- Always ensure that the motor can be pushed into the shaft as far as it will go.
- Do not drill into the motor.
- Do not shorten the antenna, do not wrap it over the power line and keep it away from metal objects.
- Make sure that the correct adapters and drivers are used.
- Protect the power cord and antenna from moving parts.
- The motor may only be mounted in a horizontal position.

ATTENTION!

Danger to life!

The articulated arms of awnings are under strong tension.

Secure the articulated arms with a rope or tension belts before working on the awning!

ATTENTION!

Do not "test run" the motor outside the shaft.

The motor must be completely inserted into the shaft so that the limit switching can work properly. In addition, tubular motors reach their max. permissible operating temperature very quickly when operated without load.

ATTENTION!

Awnings must not be operated if there is a risk of icing!

In winter, switch off any automatic devices that may be connected.

ATTENTION!

There is a danger to life from electric shock when working on electrical equipment!

The mains connection of the tubular motor and all work on electrical installations may only be carried out by an authorized electrician in accordance with the respective connection diagrams of the device.

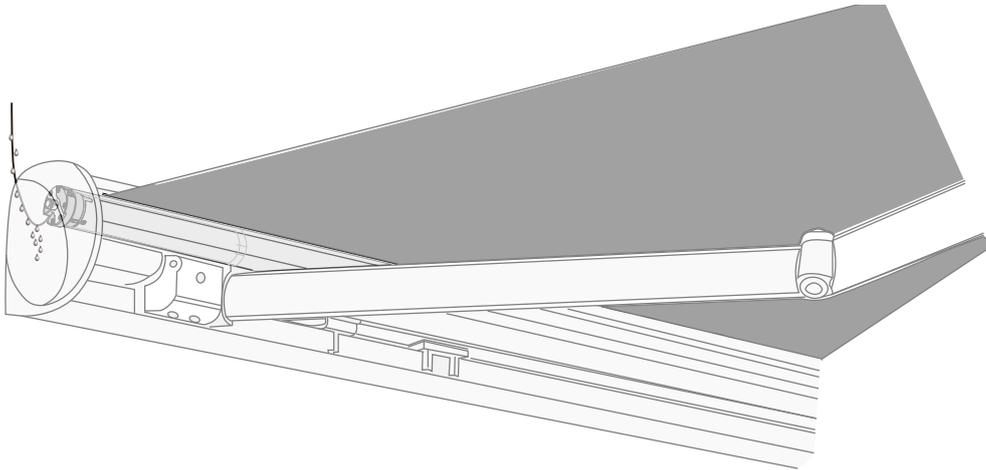
Carry out all assembly and connection work in a de-energized state.

Before you start the assembly:

Follow the instructions of the awning manufacturer when installing the motor!

Assembly and programming must be carried out by qualified personnel, or persons who have proven relevant experience and skills.

Use of the engine or modifications to the engine outside the scope of these instructions may void the warranty.

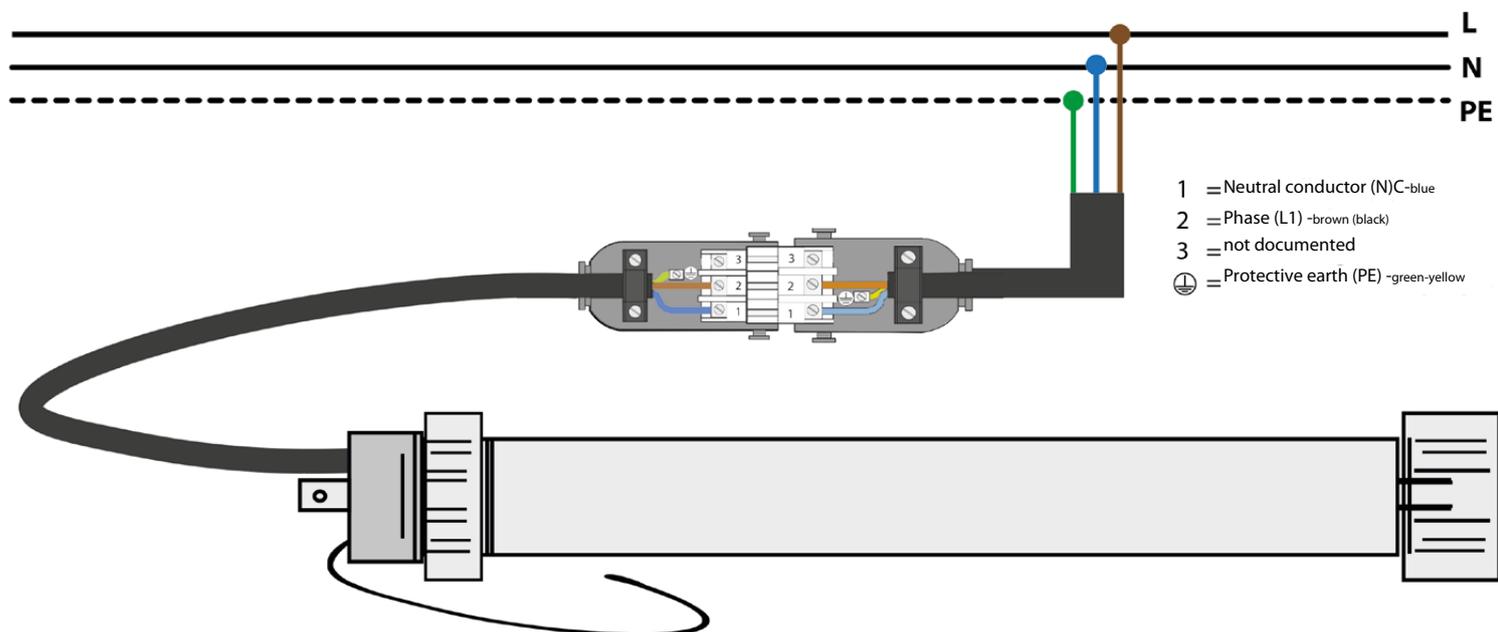


Electrical connection

The ELFIM45-M is equipped with a 0.5m connection cable with Hirschmann plug STAS-3. To connect the actuator, the mains supply line must be wired with a Hirschmann* STAK-3 coupling.

Setting the direction of rotation of the motor see page 10!

Mains connection



*Hirschmann or Hirschmann-compatible coupling

1. Programming the first handheld transmitter (Compatible handheld and wall transmitters and sensors see page 16)

⚠ ATTENTION! If several motors are connected to one phase, all motors that are not to be operated with this hand-held transmitter must be disconnected from the mains, otherwise they may also be set to programming readiness and the hand-held transmitter will also be programmed for them!

1.1 Connect the motor to the power supply according to the wiring diagram.

ATTENTION!

There is a danger to life from electric shock when working on electrical equipment!

The mains connection of the tubular motor and all work on electrical installations may only be carried out by an authorized electrician in accordance with the respective connection diagrams of the device.

Carry out all assembly and connection work in a de-energized state!

1.2 Switch on the power supply (fuse ON).

1.3 The motor moves briefly (vibrates) and/or the motor beeps.

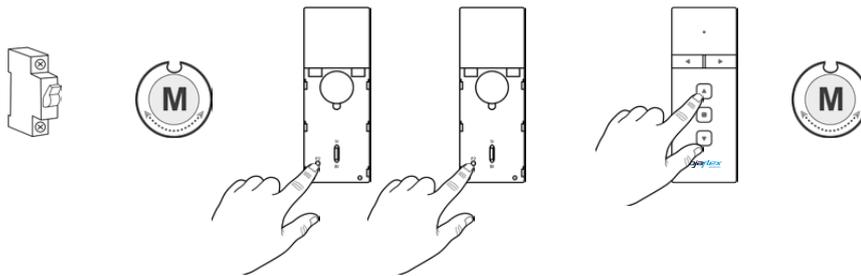
The motor is in programming mode for approx. 6 seconds.

1.4 Press the P2 key on the handheld transmitter twice within approx. 6 seconds.

1.5 Then immediately press the UP key* on the handheld transmitter.

1.6 Drive moves up/down briefly.

Handheld transmitter is programmed.

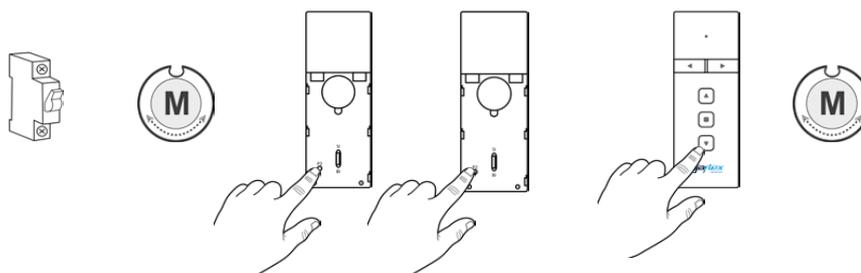


1.7 ***Conditionally check the direction of rotation of the motor!**

When pressing the OPEN button, the awning must CLOSE!

If the awning opens when the Open button is pressed, the direction of rotation of the drive must be changed. of the drive must be changed!

To do this, start from the beginning and, after pressing the P2 key, press the **DOWN key** instead of the *Up key.



ATTENTION!

Changing the direction of rotation of the motor is only possible if NO end positions are programmed!

If end positions have already been programmed, they must first be deleted (see page 14).

2. Setting the end positions

⚠ ATTENTION! A hand-held transmitter must be programmed and the direction of rotation of the motor must be set! The direction of rotation of the motor must be set so that the OPEN button on the hand-held transmitter closes the awning!

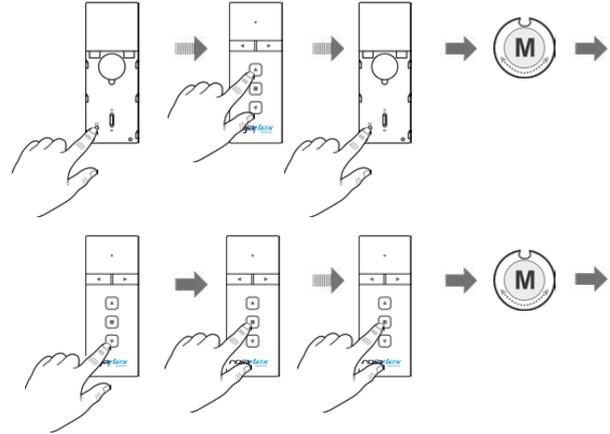
2.1 Setting the end position OPEN (Down).

2.1.1 Press the P2 - UP - P2 keys on the handheld transmitter in succession.
Drive moves up/down briefly.

2.1.2 Open the awning with the **DOWN** key.

2.1.3 Stop the awning at the desired OPEN position with the STOP key.

2.1.4 Press the STOP key **5 times**.
Drive moves up/down briefly.



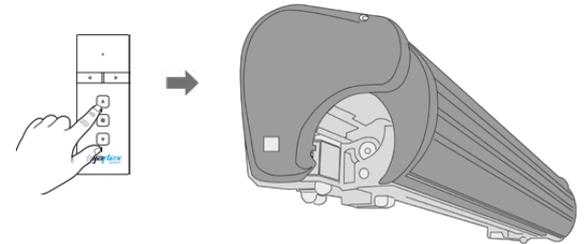
End position OPEN (Down) is set.

Continue with setting the end position CLOSED (OPEN):

2.2 Setting the end position CLOSED (OPEN) - *Automatic mode*

Immediately after setting the end position OPEN (Down):

2.2.1 Close the awning with the UP key.
As soon as the drop-out profile hits the stop (cassette), the drive stops automatically.



End position CLOSED (OPEN) is set.

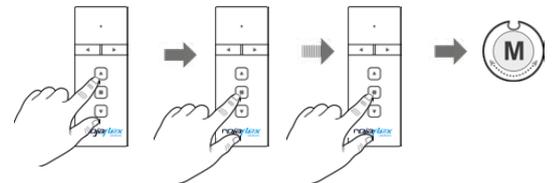
2.3 Setting the end position CLOSED (OPEN) - *Manual mode (alternative)*

Immediately after setting the end position OPEN (Down):

2.3.1 Close the awning with the UP key.

2.3.2 Stop the awning at the desired position CLOSED with the STOP button.

2.3.3 Press the STOP key **5 times**.
Drive moves up/down briefly.



End position CLOSED (OPEN) is set.

3. Setting the comfort position

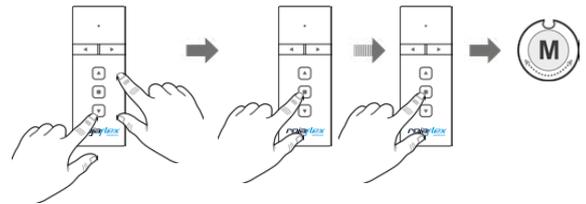
An intermediate position (comfort position) can be stored between the end positions OPEN (closed) and DOWN (open).

3.1 The end positions OPEN (closed) and DOWN (open) must be programmed.

3.1.1 Move the awning to the desired position using the UP or DOWN key.

3.1.2 Stop the awning at the desired position using the STOP key.

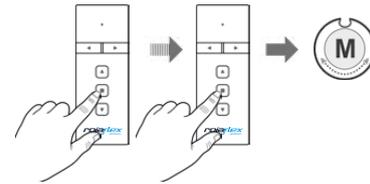
3.1.3 Press the STOP key **5 times**.
Drive moves up/down briefly.
Intermediate position (comfort position) is set.



To move to the comfort position, press the STOP key and hold it for approx. 5 seconds.

Deleting the comfort position:

1. Approach the position with the STOP key.
2. Press the STOP key 5 times.
Drive moves up/down briefly.
Intermediate position (comfort position) is deleted.

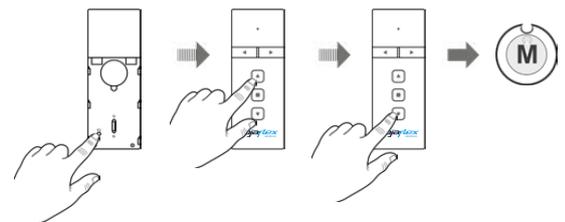


4. Activate / deactivate the jog mode

In jog mode, the drive can be controlled step by step by briefly pressing the up or down key.

4.1 Activate / deactivate the jog mode

- 4.1.1 Press the P2 - UP - DOWN keys on the handheld transmitter in succession.
Drive beeps 2 x = jog mode activated
Drive beeps 1 x = jog mode deactivated

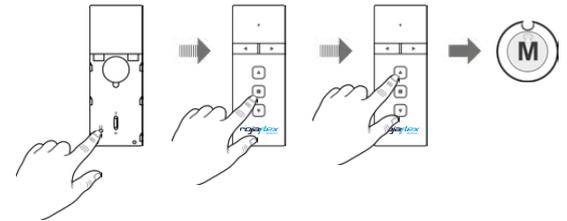


**5. Setting the overrun function
(function cloth length compensation)**

The overtravel function to compensate for cloth elongation can be set separately for both running directions.

**5.1 Setting the overrun function in OPEN direction
(Close awning).**

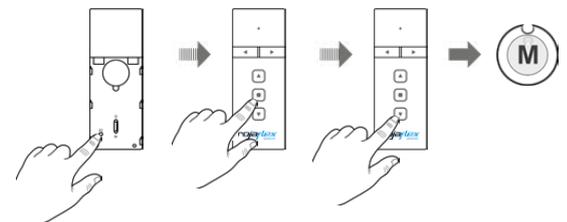
- 5.1.1 Press the P2 - STOP - OPEN keys on the handheld transmitter in succession.
Motor moves up/down and beeps.
Motor beeps 1 x = overrun function deactivated
Motor beeps 3 x = overrun function activated



After the motor (the awning) has reached the upper end position (awning closed), the motor runs a short distance in the opposite direction of travel to relax the fabric.

**5.2 Setting the overtravel function in the DOWN direction
(Open awning).**

- 5.2.1 Press the P2 - STOP - DOWN keys on the handheld transmitter in succession.
Motor moves up/down and beeps.
Motor beeps 1 x = overrun function deactivated
Motor beeps 3 x = overrun function activated

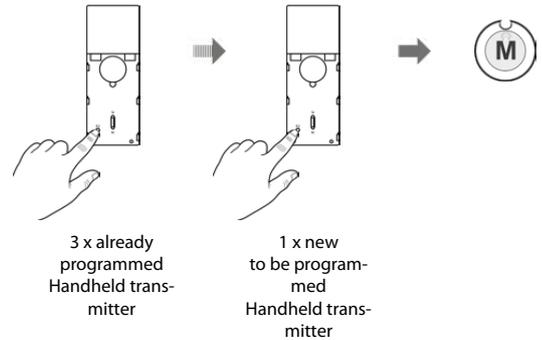


After the motor (the awning) has reached the lower end position (awning open), the drive runs a short distance in the opposite direction of travel to relax the fabric.

6. Programming additional handheld or wall transmitters

To create further operating options, additional hand-held or wall-mounted transmitters can be programmed. The code is transferred from an already programmed transmitter to the additional transmitter (copied).

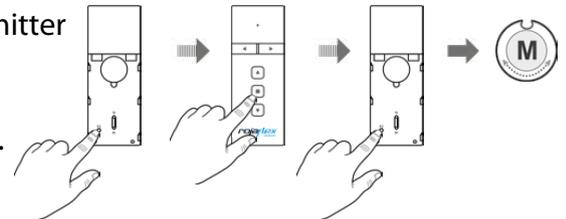
- 6.1.1 Press key P2 3 times in succession on an already programmed handheld transmitter.
- 6.1.2 1 x P2 key on the new programming handheld transmitter
Press handheld transmitter
Motor moves up/down briefly.
New handheld transmitter is programmed.



7. Delete handheld and wall transmitters / sensors

ATTENTION! ALL hand-held or wall-mounted transmitters as well as programmed sensors, if any, will be (sun- wind sensor, vibration sensor) deleted! Individual deletion of transmitters or sensors is not possible.

- 7.1 Press the P2 - STOP - P2 keys on the handheld transmitter in succession.
Motor moves up/down and beeps.
Hand-held wall transmitters and sensors are deleted.

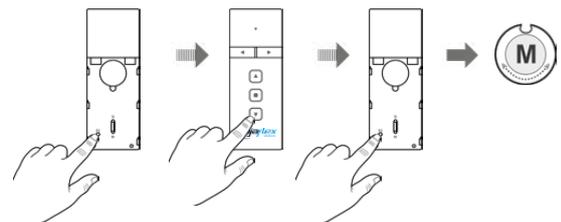


8. Delete end positions

ATTENTION!
Take special care to avoid damage to the awning!
After deleting the end positions, the drive runs "endlessly".
Among other things, the awning cloth can be wound up "negatively" or the awning can be damaged!

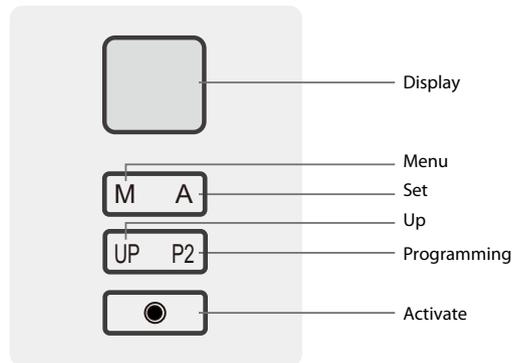
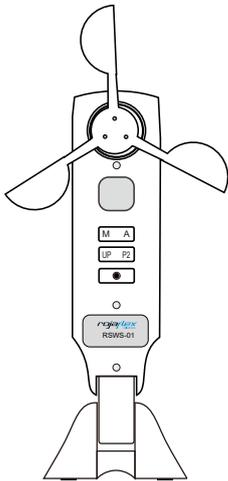
- 8.1 Press the P2 - DOWN - P2 keys on the handheld transmitter in succession.
Motor moves up/down and beeps.

The end positions of the motor are deleted!



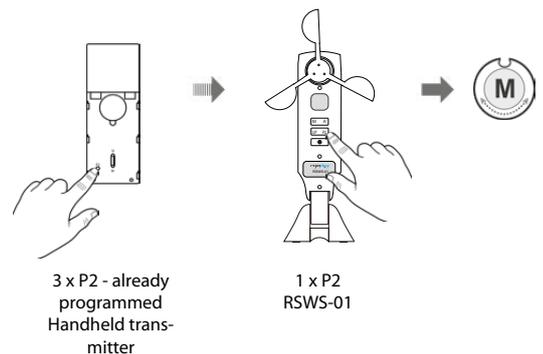
9. Sun-wind sensor

The ELFIM-45M awning motors are specially designed for use in awnings and can be controlled directly via suitable sun, wind or vibration sensors.



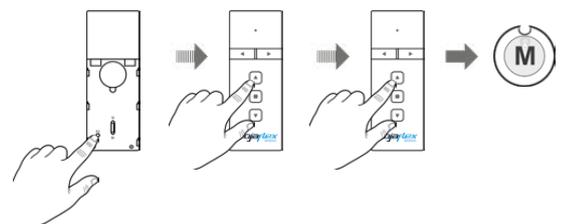
9.1 Programming Solar Wind Sensor RSWS-01

- 9.1.1 Press key P2 3 times in succession on an already programmed handheld transmitter.
- 9.1.2 Press the P2 key on the RSWS-01 once. Motor moves up/down briefly. RSWS-01 is programmed.



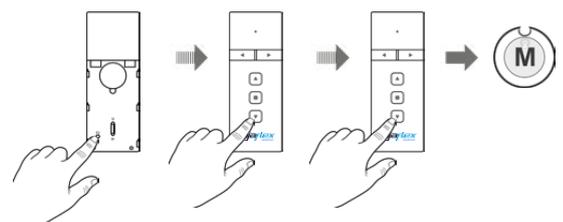
9.2 Activating the "Sun" function

- 9.2.1 Successively press the P2 - UP - UP keys on the handheld transmitter. Motor moves up/down briefly. **Motor beeps 3 x = sun function activated**



9.3 Deactivating the "Sun" function

- 9.3.1 Successively press the P2 - DOWN - DOWN keys on the handheld transmitter. Motor moves up/down briefly. **Motor beeps 1 x = sun function deactivated**



For other settings (wind sensitivity, sun sensitivity) see RSWS-01 manual.

10. Radio Sun Wind Sensor RSWS-01

- Battery operated (integrated solar panel)
- BI-Directional
- 433,92 MHz
- Display
- Compatible with Rojaflex radio receivers and awning motors with integrated radio
- Adjustable wind and sun sensitivity
- Blocking time for all functions in case of wind alarm
- Dimensions: 215 x 50 x 90 x 26 mm (housing over all without wings)
- Item no. 1000018669



11. Radio vibration sensor RVS-01

- Mounting on the drop profile of awnings
- BI-Directional
- 433.92 MHz
- Battery operated (2 x AAA)
- Compatible with Rojaflex radio receivers and awning motors with integrated radio
- 10 sensitivity levels
- Dimensions: 150 x 42 x 26 mm
- Art.-No. 1000018670



12. Handheld and wall transmitters

- BI-Directional
- 433.92 MHz
- Battery operated (CR 2450 depending on version)
- Compatible with Rojaflex radio receivers and awning motors with integrated radio
- 1 / 5 / 15 channel / 5 and 15 channel with timer
- Dimensions: see respective instructions

Item no.

HSR-1	90100079
HSR-5	90100080
HSR-15	90100081
HSTR-5	90100082
HSTR-15	90100083
WSR-1	90100084
WSR-2	90100085
WSR-15	90100086
WSTR-5	90100087



Troubleshooting / FAQ

The motor does not respond to the handheld transmitter

Possible cause 1:

- Handheld transmitter not programmed.

Solution 1:

- See page 9 "Programming the first handheld transmitter".

Possible cause 2:

- Battery of the handheld transmitter empty or too low.

Solution 2:

- Check the battery of the handheld transmitter and replace it if necessary.

The motor moves in the wrong direction at the push of a button.

Possible Cause:

- Hand-held transmitter / direction of rotation incorrectly programmed.

Solution:

- Check the direction of rotation of the motor and reprogram the handheld transmitter.
- See page 9 "Programming the first handheld transmitter".

The motor does not respond to the sun-wind sensor

Possible cause 1:

- Sensor not programmed.

Solution 1:

- See page 14 "Programming the sensor".

Possible cause 2:

- Sun" function is deactivated.

Solution 1:

- See page 14 "Activating the Sun function".

The motor does not start.

Possible Cause:

- The mains voltage is missing.

Solution:

- Use a voltmeter to check whether the supply voltage (230 V) is present and check the wiring. Pay particular attention to the information on impermissible types of connection.
- Check installation.

The engine stops and hums when starting up.

Possible Cause:

- Obstruction on the curtain (dirt / icing etc.).

Solution:

- Remove obstacle.
- Clear the hangings in the downward direction.

The motor does not raise or lower the curtain, starts too slowly or with loud noises.

Possible cause 1:

- The connections are not correct.

Solution 1:

- Check connections.

Possible cause 2:

- Incorrect installation or overload.

Solution 2:

- Check installation and tensile load.

The hanging stops during lifting or lowering.

Possible cause 1:

- Set end point is reached.

Solution 1:

- Set end points again according to instructions.

Possible cause 2:

- Operating time has been exceeded (4 minutes).

Solution 2:

- Allow engine to cool for approx. 20 minutes.

Possible cause 3:

- "Test run" of the motor without load (motor in uninstalled state). Motors convert unneeded power into heat!

Solution 3:

- Allow the motor to cool down for approx. 20 minutes and only switch on when assembled.

The motor stops between the end points in normal operation.

Possible Cause:

- Thermal protection has addressed.

Solution:

- Allow engine to cool for approx. 20 minutes.

Declaration of conformity

Konformitätserklärung

ORIGINAL EU/EC DECLARATION OF CONFORMITY

ORIGINAL EU/EG KONFORMITÄTSEKTLÄRUNG

We, Schoenberger Germany Enterprises GmbH & Co. KG, Zechstr. 1-7, D-82069 Hohenschäftlarn, Germany declare under our sole responsibility that the **rojaflex** branded product:

*Wir, die Schoenberger Germany Enterprises GmbH & Co. KG, Zechstr. 1-7, D-82069 Hohenschäftlarn, Deutschland erklären unter unserer alleinigen Verantwortung, dass das mit der Marke **rojaflex** versehene Produkt:*

Document no. / Dokument-Nr.	CE_ROJ_ELFIM-45M_2022-04
Brand / Marke	rojaflex
Model / Modell	ELFIM-45M-30/15, ELFIM-45M-50/12
Product Type / Produkttyp	Electric Motors / Tubular motor Rohrmotor / Markisenmotor

Serial number from / Seriennummer ab:	xx/04/2022 (day/month/year) or 14/22 (week/year) xx/04/2022 (Tag/Monat/Jahr) oder 14/22 (Woche/Jahr)
------------------------------------------	---------------------------------------------------------------------------------------------------------

when uses as intended, according to his instructions, complies with the essential requirements of the following directives:
den einschlägigen Bestimmungen der folgenden Richtlinien entspricht, wenn es nach den Anweisungen des Herstellers bestimmungsgemäß verwendet wird:

Machinery directive 2006/42/EC
Maschinenrichtlinie 2006/42/EU

Radio Equipment Directive 2014/53/EU
RED-Richtlinie 2014/53/EU

Low voltage directive (LVD) 2014/35/EU
Niederspannungsrichtlinie 2014/35/EU

Restriction of the use of certain Hazardous Substances directive (RoHS) 2011/65/EU and 2015/863/EU
RoHS Richtlinie 2011/65/EU und 2015/863/EU

The following standards were applied to assess the conformity:
Die Konformität wird durch die Einhaltung folgender Normen nachgewiesen:

Draft EN 301 489-1 V2.2.1:2019
EN 301 489-3 V2.1.1:2019
EN 50663:2017
EN 300 220-2 V3.1.1:2017
EN 60335-1:2012/A2:2019
EN 60335-2-97:2006/A12:2015

Test Report No.:
4812821019200

TÜV Süd

This declaration loses its validity in case of improper use and changes of the system or product that has not been agreed with the manufacturer.
Diese Erklärung verliert Ihre Gültigkeit bei nicht bestimmungsgemäßer Verwendung und bei Änderungen der Anlage bzw. des Produktes, die nicht mit dem Hersteller abgesprochen wurden.



Hohenschäftlarn, 2022-04



Michael Mayer
CEO / Geschäftsführer

Aktuelle EU-Konformitätserklärungen sind unter der folgenden Internetadresse verfügbar:
www.rojaflex.com/konformitaetserklaerungen.html

Setting		Steps
Programming first handheld transmitter		P2 - P2 - UP P2 P2 - /DOWN
Set end positions manually	Lower end position	P2 - UP - P2 - DOWN - STOP - 5 x STOP
	Upper end position	after setting lower end position: UP - STOP - 5 x STOP
Set end positions automatically	Lower end position	P2 - UP - P2 - DOWN - STOP - 5 x STOP
	Upper end position	After setting lower end position: OPEN (motor runs to stop)
Setting intermediate position	Programming	UP (or DOWN) - STOP - 5 x STOP
	Delete	STOP (approx. 5 sec.) - 5 x STOP
Program additional handheld transmitter	Programmed handheld transmitter	3 x P2
	New handheld transmitter	1 x P2
Delete all handheld transmitters		P2 - STOP - P2
Delete end positions	ATTENTION!	P2 - DOWN - P2
Activate / deactivate jog mode		P2 - UP - P2
Activate / deactivate overrun	In up direction	P2 - STOP - UP
	In down direction	P2 - STOP - DOWN
Program sun-wind sensor	Programmed hand-held transmitter	P2 - P2 - P2
	Sensor	P2
Setting sun function	Activate	P2 - UP - UP
	Deactivate	P2 - DOWN - DOWN

EU Waste and recycling / Registrations

Germany for electrical devices:

Stiftung EAR
WEEE-Reg.-no.: DE 41060608

Germany for batteries:

Stiftung EAR
Batt-Reg.-no.: DE 88866710

Germany for packaging:

LUCID Reg.-no.: DE5768543732165

Austria for electrical devices:

Elektro Recycling Austria (ERA) GmbH
ERA Contract no: 40801

Austria for packaging:

Altstoff Recycling Austria (ARA) AG
ARA License number: 23363

Switzerland for electrical devices:

Stiftung SENS
Membership number: VP11544

France for electrical devices:

Ecologic
Membership number / Take-back system: M3670
National registry: UIN FR208795_01SUIN

France for packaging:

Citeo
Membership number / Take-back system: 532886
National registry: UIN FR208795_01SUIN

Spain for electrical devices:

ECOTIC
Reg.-no.: RII-AEE- 7601

Spain for packaging:

Ecoembes
Membership number: 97556

Italy for electrical devices:

Raccolta differenziata. Verifica le disposizioni del tuo Comune!

Reg.-no.: n/a

Italy for packaging:

Raccolta differenziata. Verifica le disposizioni del tuo Comune!

Membership number: n/a

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