PALLAZZO®
AN ALUK BRAND

Assembly instructions

FLOWZZ Screens

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Montagehandleiding Flowzz Screens versie 1
Deze montagehandleiding is met de grootst mogelijk zorg samengesteld. Een laatste versie is te verkrijgen op de website van Pallazzo. Deze montagehandleiding is onderdeel van de Pallazzo prijslijst en maakt onderdeel uit van onze algemene voorwaarden. Aan deze montagehandleiding kan geen rechten ontleend worden.

Montageanleitung Flowzz Screens Version 1
Diese Montageanleitung wurde mit größtmöglicher Sorgfalt erstellt. Die neueste Version ist auf der Website von Pallazzo verfügbar. Diese Montageanleitung ist Bestandteil der Pallazzo-Preisliste und gehört zu unseren allgemeinen Bedingungen. Aus dieser Installationsanleitung können keine Rechte abgeleitet werden.

Notice de montage Flowzz Screens version 1
Ce notice de montage a été composé avec le plus grand soin. La dernière version est disponible sur le site web de Pallazzo. Cette instruction de montage fait partie de la liste de prix du Pallazzo et fait partie de nos conditions générales. Aucun droit ne peut être tiré de ces instructions d'installation.

Assembly instructions Pallazzo Sqope version 1
This assembly manual has been compiled with the greatest possible care. A latest version can be obtained on the website of Pallazzo. This assembly instruction is part of the Pallazzo price list and forms part of our general terms and conditions. No rights can be derived from these installation instructions.

GENERAL REMARKS

The system described in this manual has been designed and tested as a whole. The use of AluK brand is permitted only when original AluK components are used (sections, accessories and gaskets) and only when the technical specifications given in this manual are complied with.

In the event that any component of the system is not an original AluK component, the use of the AluK brand is not authorized.

The product shall be used in accordance with the specifications, regulations and laws in force in the country where the product itself is used. AluK waives all responsibility resulting from non-compliance with the above listed instructions.

Any details provided in this manual representing frames back to the structure are merely shown as an indication to assist designers and manufacturers.

TECHNICAL DESCRIPTION

SECTIONS

The extruded aluminium profiles are made from homogenised billets, with limited composition tolerances, suitable for anodising or painting.

All extruded aluminium sections are supplied at physical state 6060 alloy T66. Dimension tolerances are in compliance with EN 12020-2.

ACCESSOIRES

Patented AluK accessories of the highest quality are expressly designed by AluK to offer the utmost reliability and safety.

PAINTING

Painting is done with powders and colour can be chosen from the RAL range of colours, from our colour palette and/or based on customer's requirement.

The minimum compulsory paint layer thickness shall be at least 60 micron for external architectural use.

The whole sections painting cycle is carried in full compliance of quality standard QUALICOAT.

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Specifications

WARRANTIES & LEGAL RESTRICTION

WARRANTIES

AluK S.A. (hereinafter "AluK") warrants that it's systems meet the required technical characteristics.

Additional warranties may apply under certain conditions.

LEGAL RESTRICTION

All drawings and information in this technical manual are indicative and cannot engage our responsibility.

The AluK policy of continuos improvement determines the right to make the modifications without prior warning.

AluK cannot be held responsible for possible misprints or other technical errors in this manual. This technical manual cannot lead to any legal action whatsoever.

All mentioned model, profiles, accessories and related items (including its intellectual property rights) designed and or conceived by AluK are the exclusive intellectual property of AluK.

They may only be used for the purpose to which have been supplied and must not be reproduced, stored or disseminated to third parties in any way or form without the prior written permission of AluK.
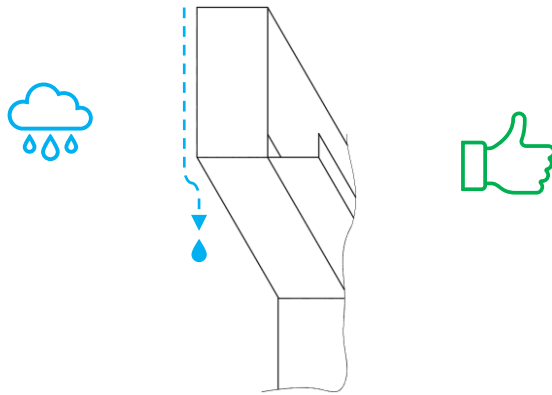
Accessories

Pallazzo pre-fitted screen kit with radio receive	Motor cable of 5m incl. connector	Motor cable of 7m incl. connector
V97008	A-98-7081	A-98-7082

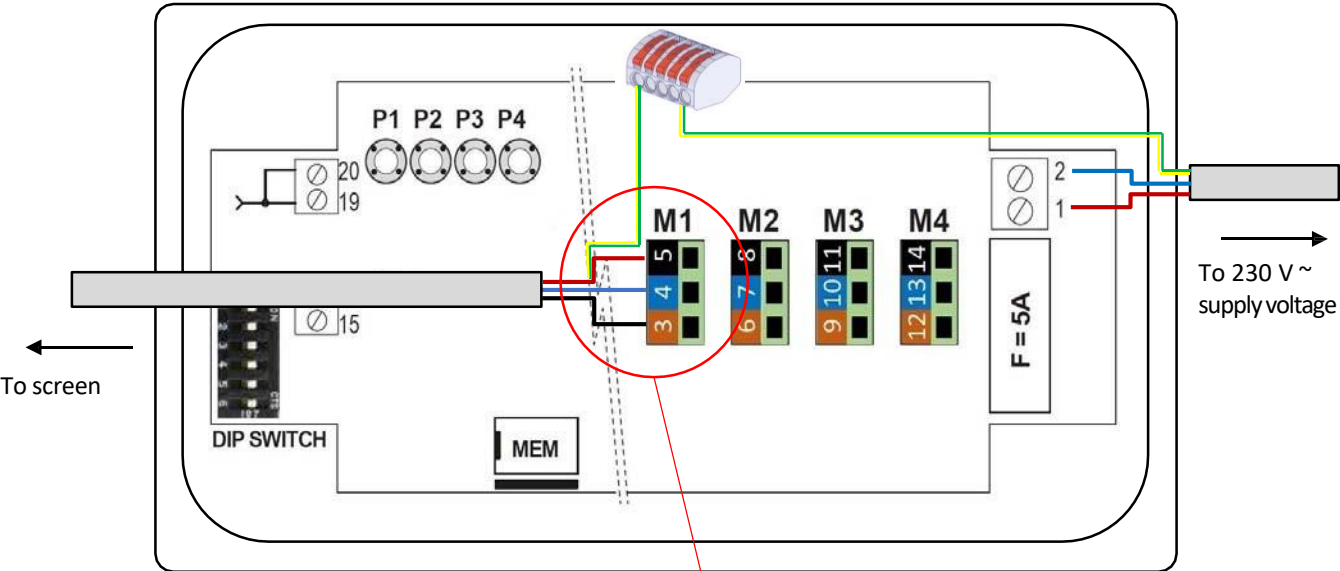|	
Selve Adjustment Unit	Wind meter + extension cable
A-98-7091	A-98-7092

Warning

If an extra profile is mounted under the ring beam (sliding door guide, screen, etc.), water may seep in between this profile and the ring beam.
Prevent this by using sealant or a sealing tape on the outside of the roof.

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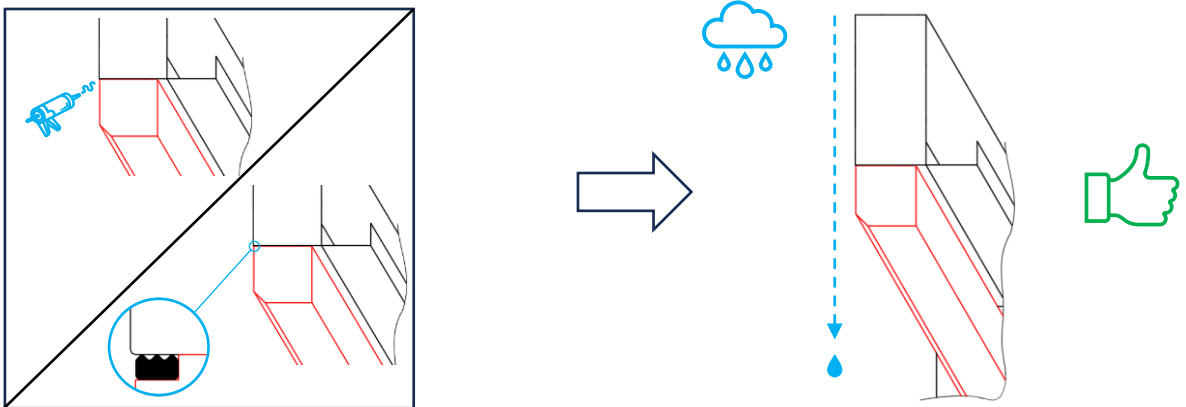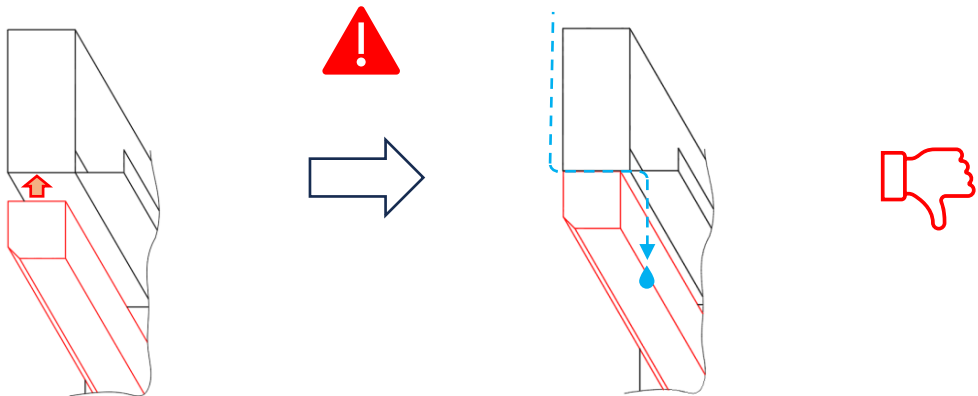
Work drawings

RADIO RECEIVER CONNECTION

To screen

To 230 V ~ supply voltage

⚠ Brown and black must be connected to their opposing colours in the receiver module!

Connection of terminals	
1	230V power supply (phase)
2	230V power supply (neutral)
3	Screen motor 1 (lowering)
4	Screen motor 1 (neutral)
5	Screen motor 1 (raising)
6	Screen motor 2 (lowering)
7	Screen motor 2 (neutral)
8	Screen motor 2 (raising)
9	Screen motor 3 (lowering)
10	Screen motor 3 (neutral)
11	Screen motor 3 (raising)
12	Screen motor 4 (lowering)
13	Screen motor 4 (neutral)
14	Screen motor 4 (raising)
15	Windsensor (blue)
16	Windsensor (brown)
19	RF antenna
20	GND antenna
P1-P4	Programming buttons

Motor cable for screen 3
Motor calbe for screen 4
Power supply cable

Motor cable screen 1
Motor calbe screen 2
Wind sensor cable

8

Work drawings

CONNECTING THE CONNECTOR

An extension cable is used if there is too great a distance between the screen and the radio receiver. Please connect as described below.

Connect the wires in the connector colour to colour.
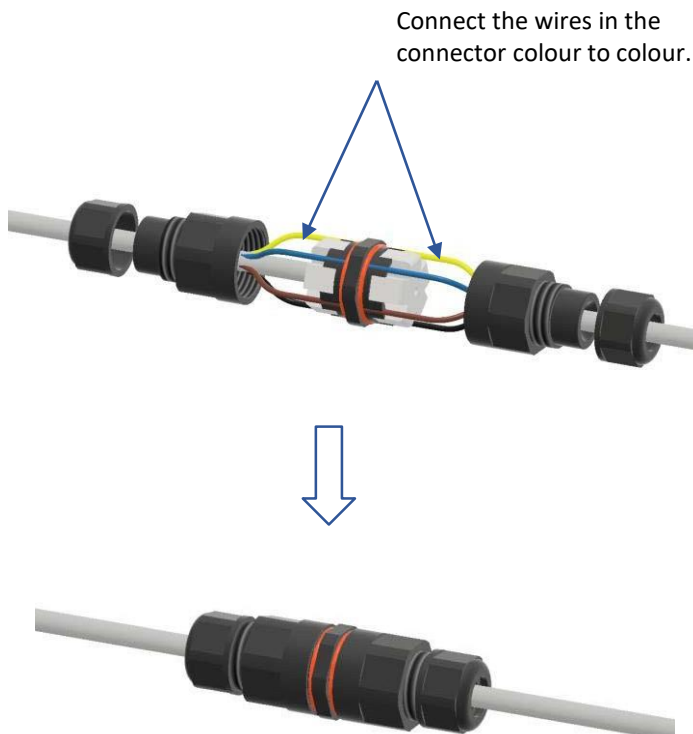
Tighten the connector securely.

Danger of electric shock

Never connect the extension cable whilethe power is on! Ensure that the radio receiver is not powered before connections are made or severed.
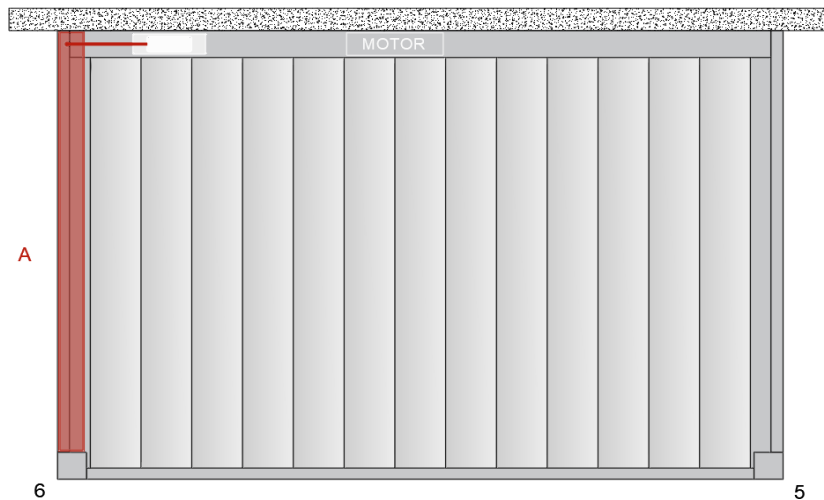
ELECTRICAL CONNECTION
LOUNGE WITH WALL MOUNTING

Install the radio receiver at the bottom in the wall beam. For further instruction purposes, we will assume that it is installed in the left corner.
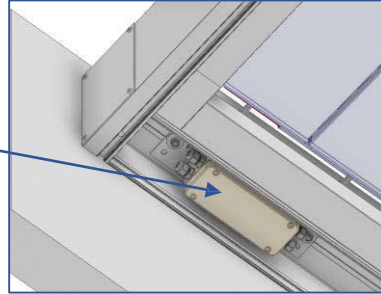
A Screen under side A.
No extension cable necessary, the screen can be connected directly to the radio receiver,

MOTOR

A

6   5

1 Drill the hole for the screen cable into the groove of the ring beam

50mm

Ø12

2 Enlarge the smallest hole drilled in the rear of the side beam

Ø12
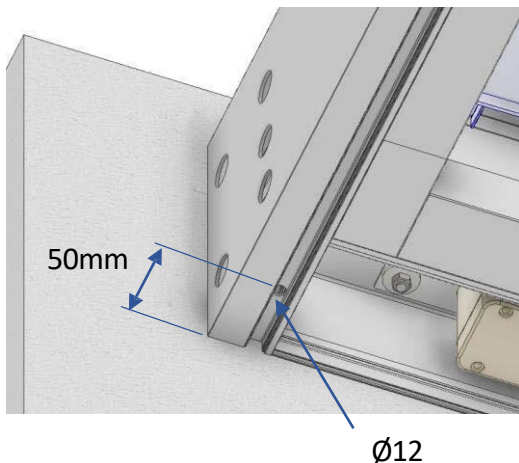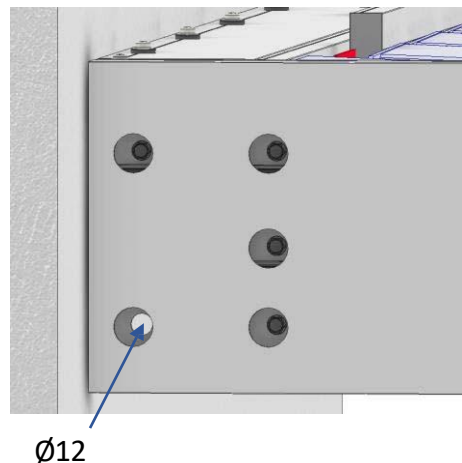
Work drawings

### 3 Pull in the screen cable and connect to the radio receiver.

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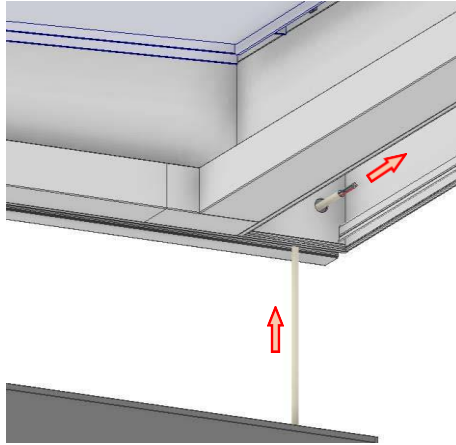
Work drawings

B Screen under side B.

Use the 5m extension cable so that the screen can be connected in pole 6.

Extension cable
A-98-7081

MOTOR

6

5

B

---
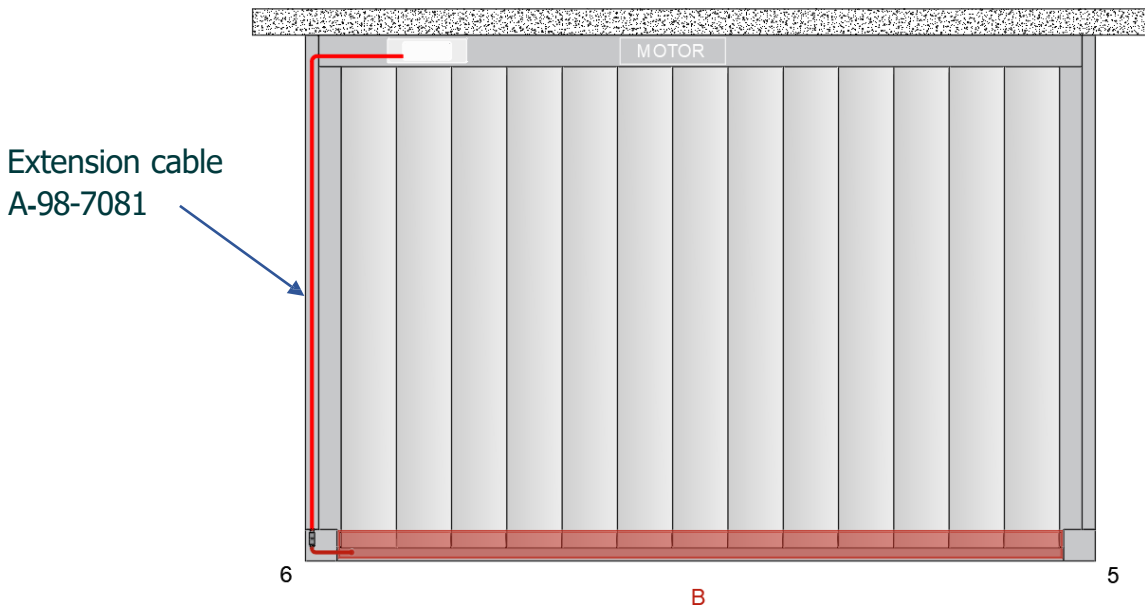
1 Position extension cable A-98-7081 (5m) in the side beam before it is fitted!
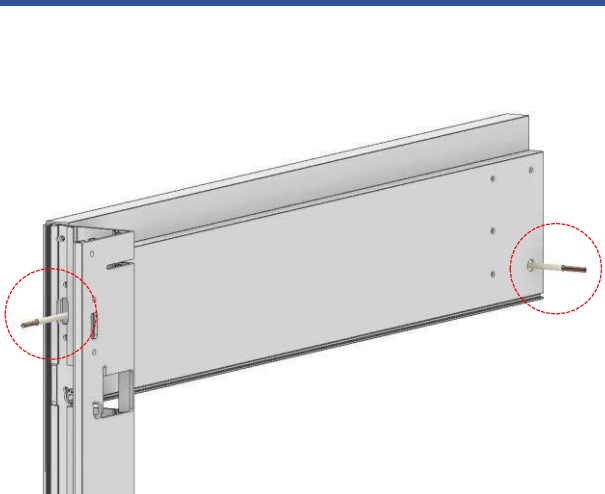
2 Push the screen cable through the opening.
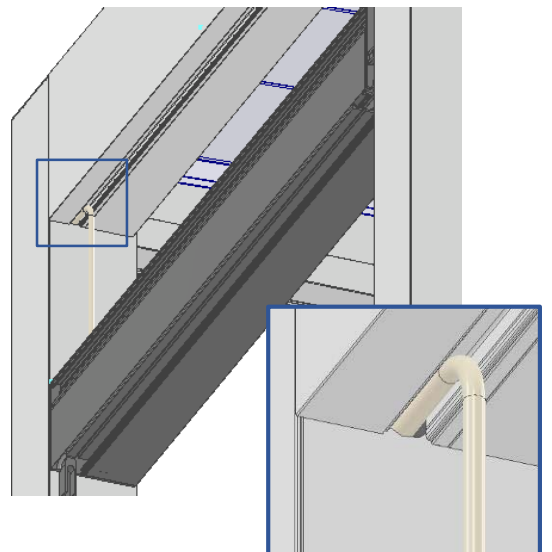
Work drawings

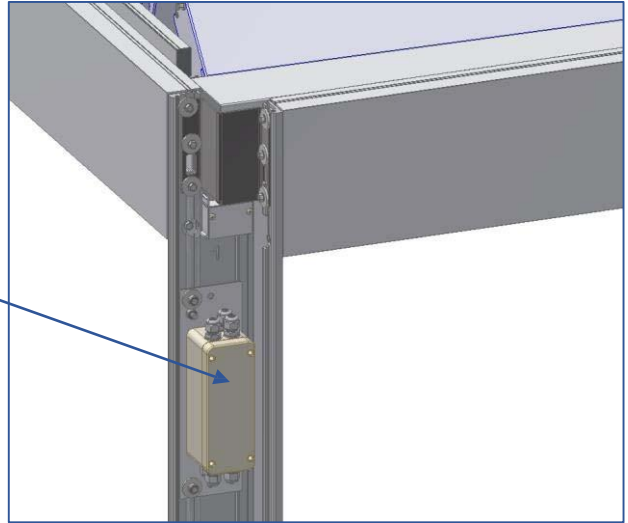**3** Connect the extension cable to the screen cable by using the connector
Connect the other side to the radio receive.
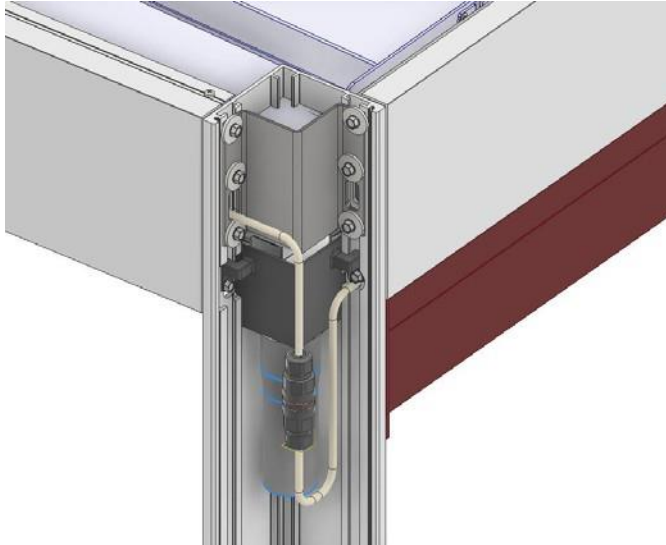
Work drawings

C Screen under side C.
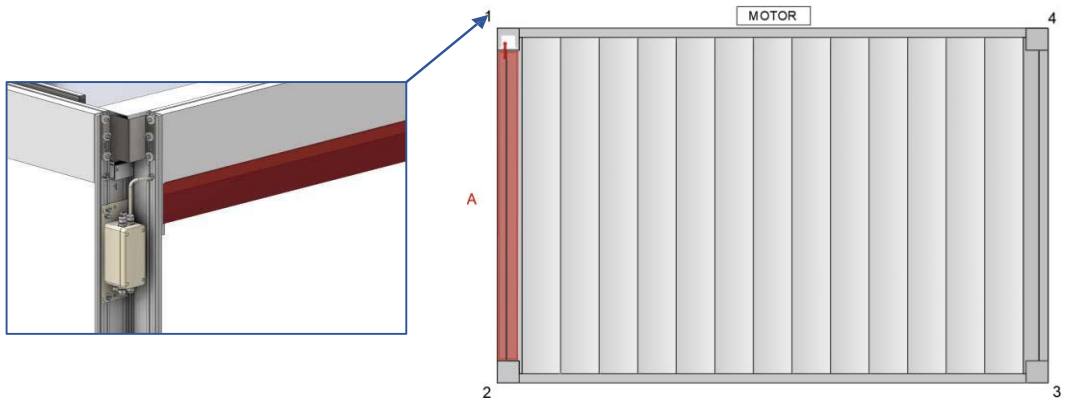
Use the 7m extension cable so that the screen can be connected in the wall beam.
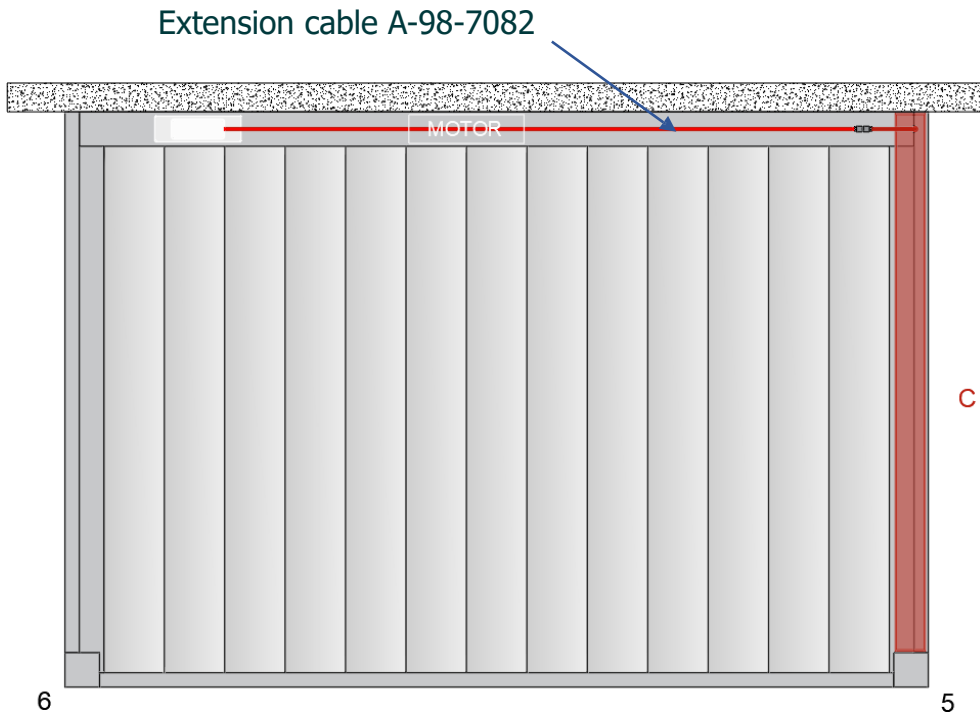
Extension cable A-98-7082

MOTOR

C

6   5

---

1 Drill the hole for the screen cable into the groove of the ring beam

50mm

Ø12

---

2 Enlarge the smallest hole drilled in the rear of the side beam

Ø12

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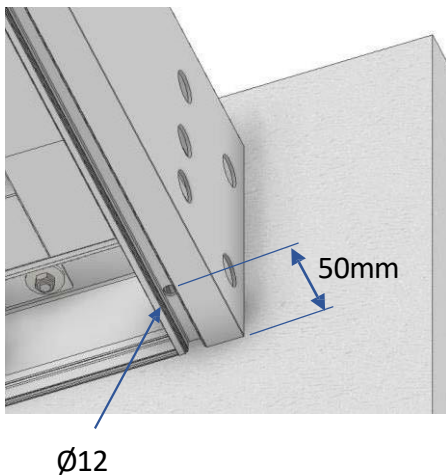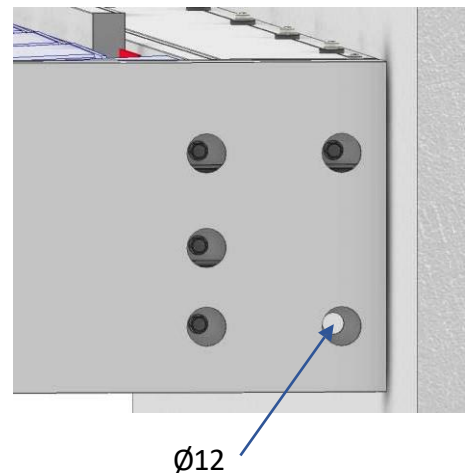
Work drawings

3 Pull the screen cable inwards
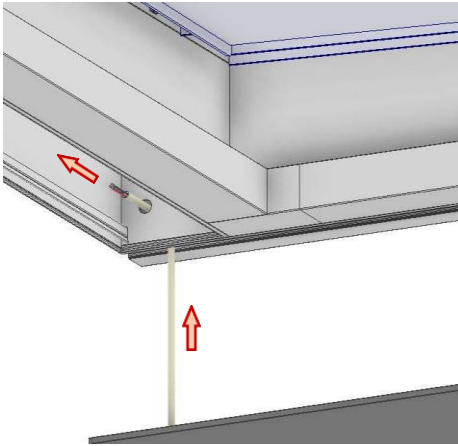
4 Connect the extension cable to the screen cable by using the connector
Connect the other side to the radio receiver

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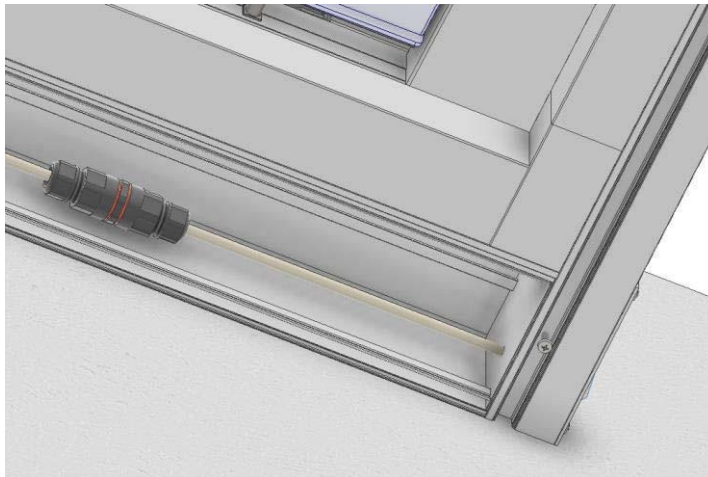
Work drawings

FREE-STANDING LOUNG

Place the radio receiver in pole 1.

Work drawings

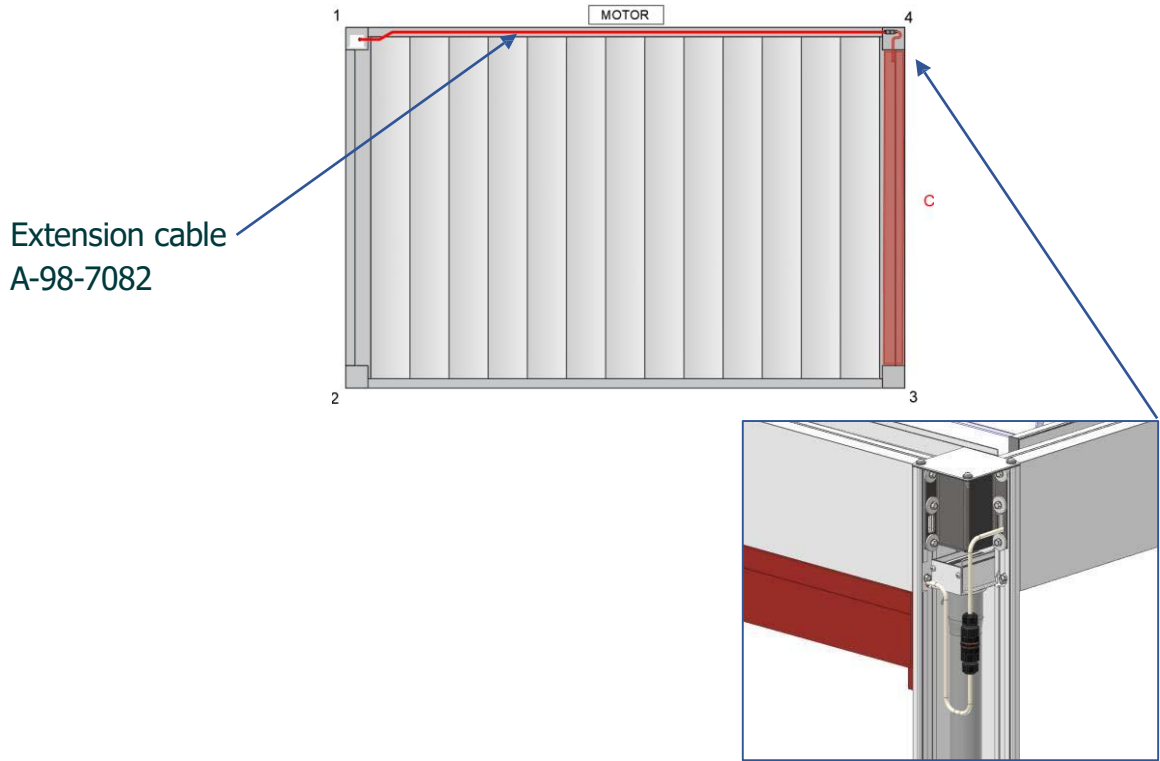## Side A
Screen can be connected directly in pole 1.

MOTOR

1

4

A

2

3

Side B
Use the extension cable to connect the screen in pole 2

Extension cable
A-98-7081

Place the cable before mounting
the Lounge.

MOTOR

1

4

2

3

B

2
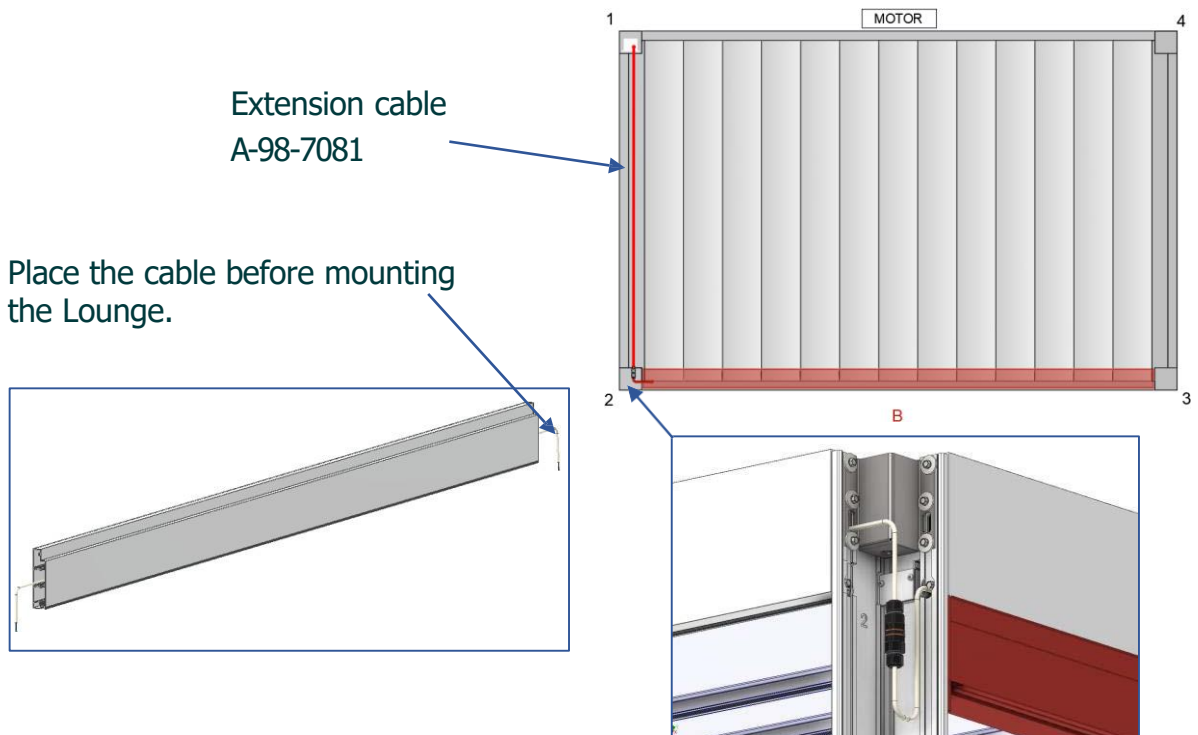
Work drawings

Side C
Use the extension cable to connect the screen in pole 4.

Extension cable
A-98-7082

Side D
Screen can be connected directly in pole 1.
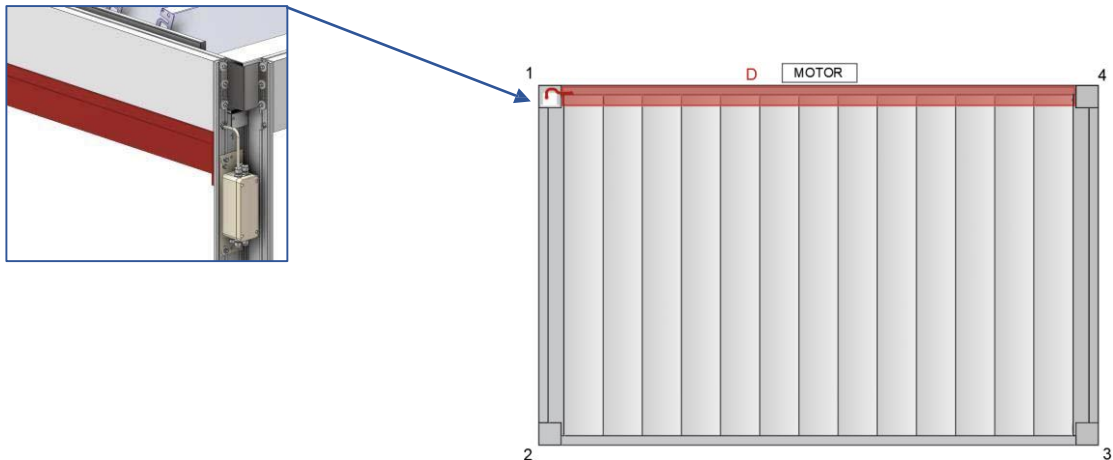
Work drawings

MOUNTING THE SCREEN

1a Flowzz 115   Loosen the cover cap
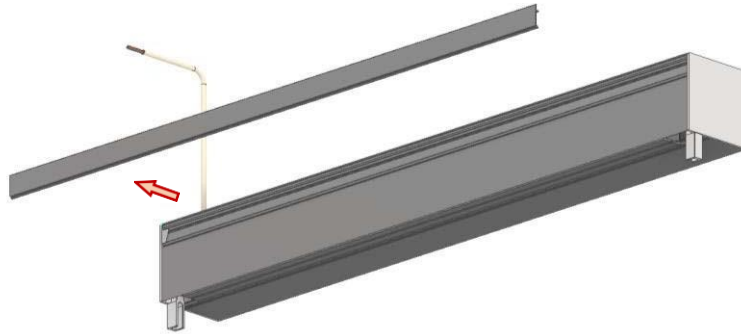
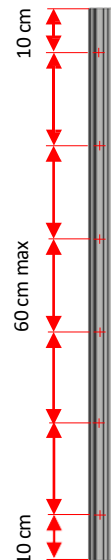### 1b Flowzz 100   Remove the roller from the screen casing
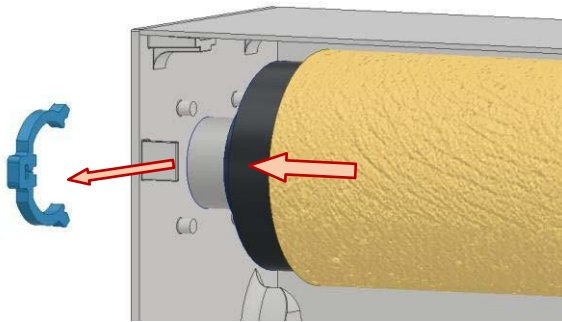
1. Remove the clip.
2. Slide the roller to the left and remove it from the casing.
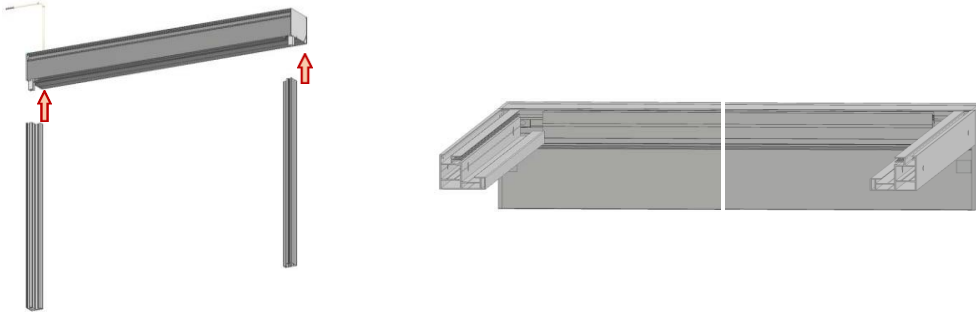
2 Dismantle the side guides
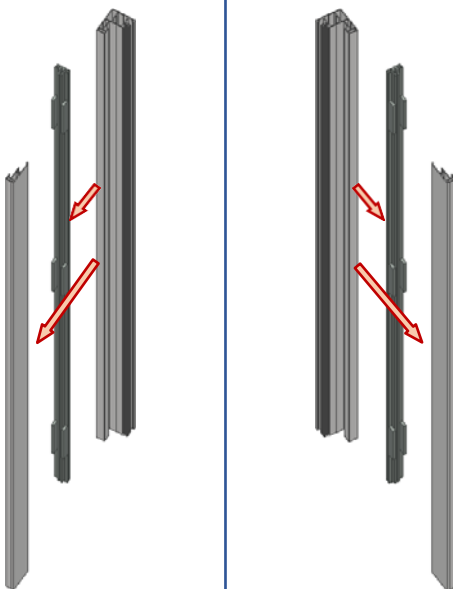
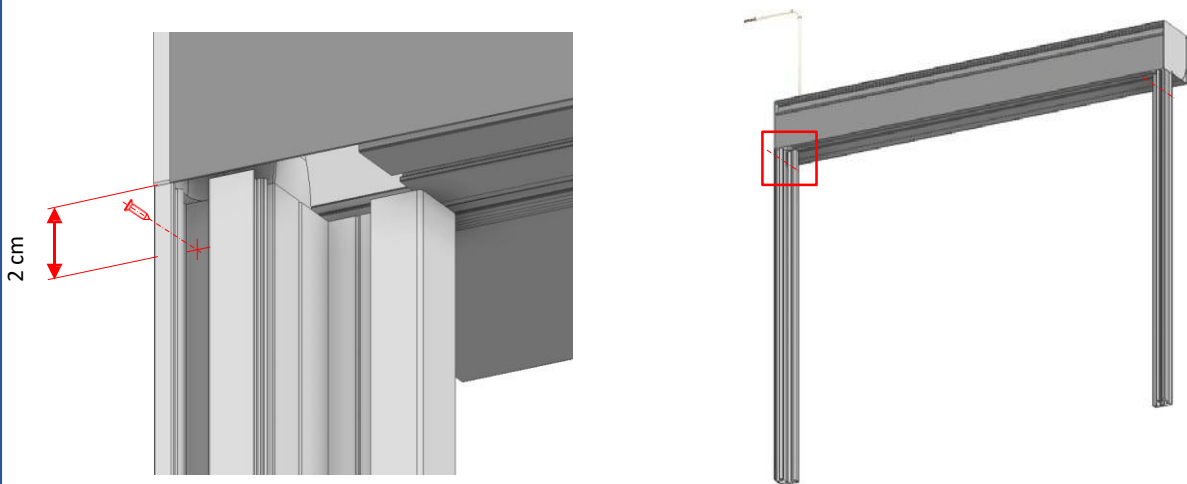### 3 Drill the holes in the guides according to the dimensions shown
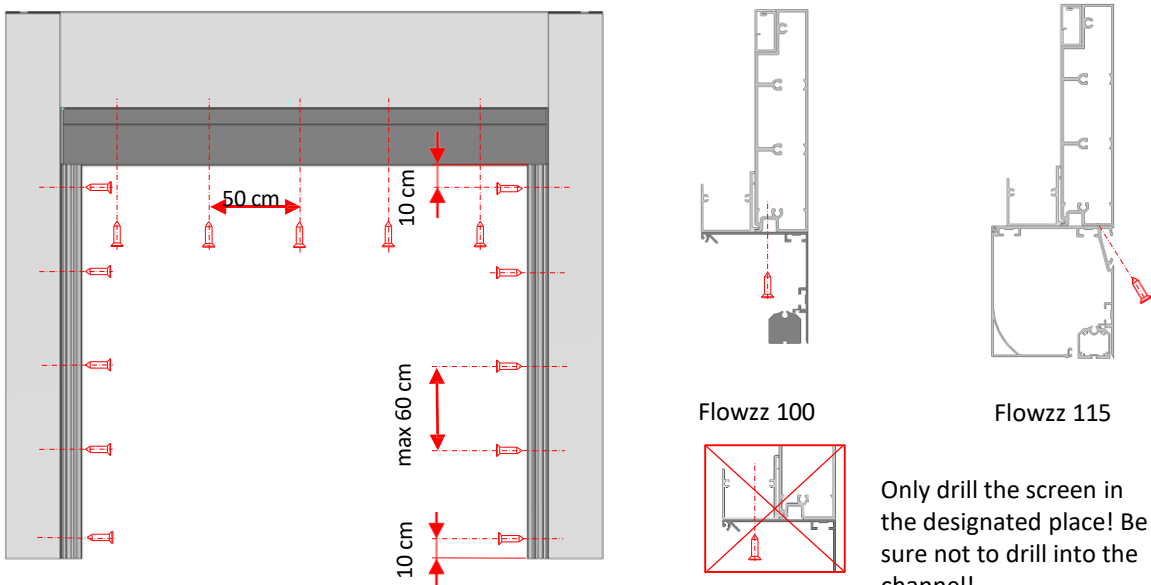

10 cm

60 cm max

10 cm

Ø6

Ø10
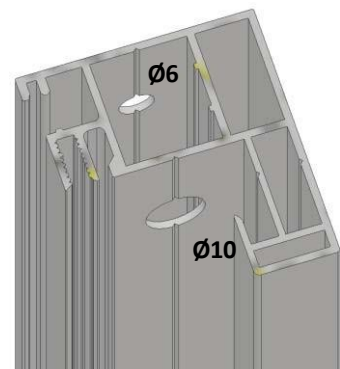
Work drawings

4 Connect the side guides to the screen

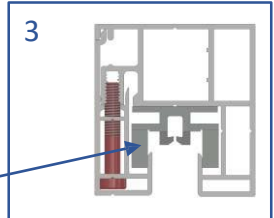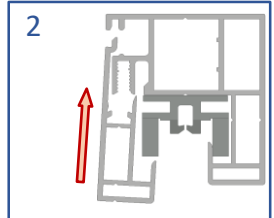## 5 Fit both side guides onto the screen casing by using a screw

2 cm

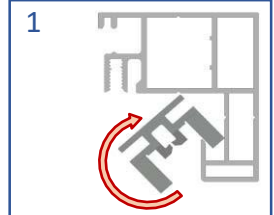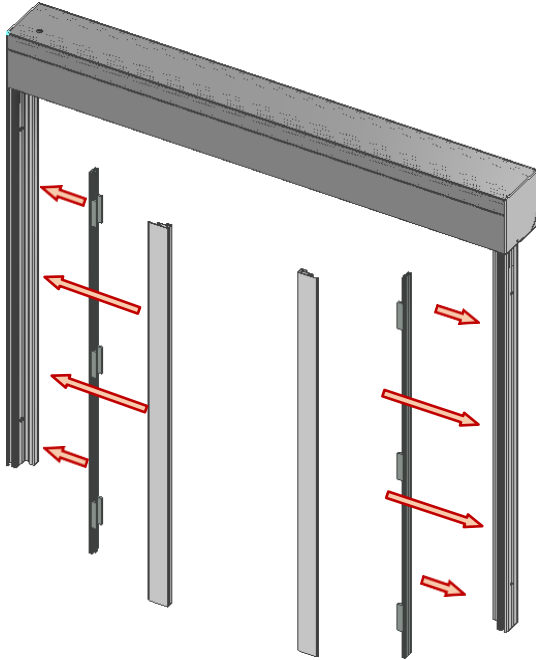## 6 Fasten the screen with screws 50 cm apart. Use the drilled holes to secure the side guides.

50 cm

10 cm

max 60 cm

10 cm

Flowzz 100

Flowzz 115

Only drill the screen in the designated place! Be sure not to drill into the channel!

Work drawings

7 Put the plastic inlays back into the guides and screw the covers into place.

1

2

3

After the installation, check
that the foam is correctly
positioned in the profile

8 For the Flowzz 100, put the roller back and, for the Flowzz 115, put the cover back. Slide the screen into the plastic inlays on both sides. It will not be possible to push the screen into the inlays at a later stage.
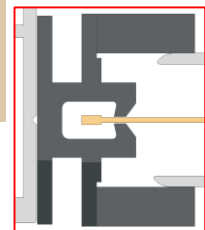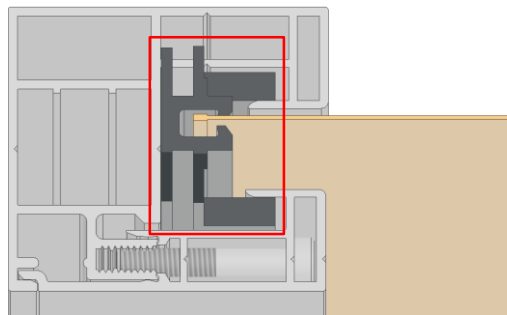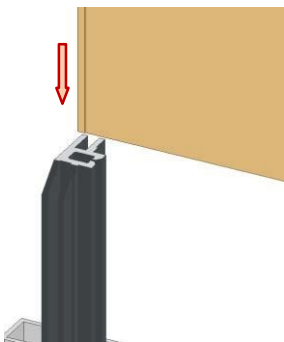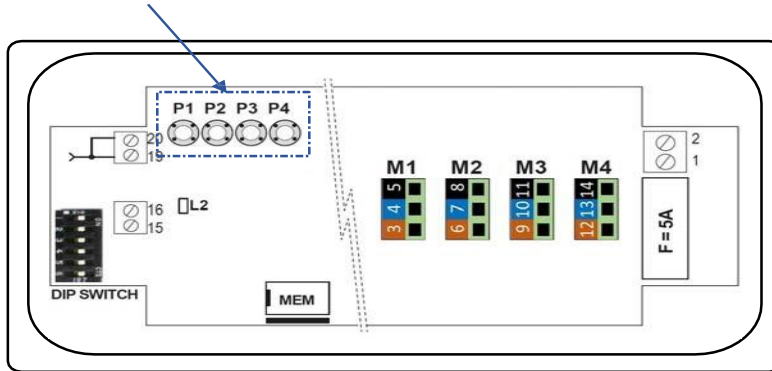
Work drawings

PROGRAMMING THE REMOTE CONTROL

Depending on the type of remote control, programming can be done in three different ways.

The P1 to P4 function buttons of the radio receiver are used for this. Use P1 to program the screen placed on clamps M1, P2 for M2, etc.
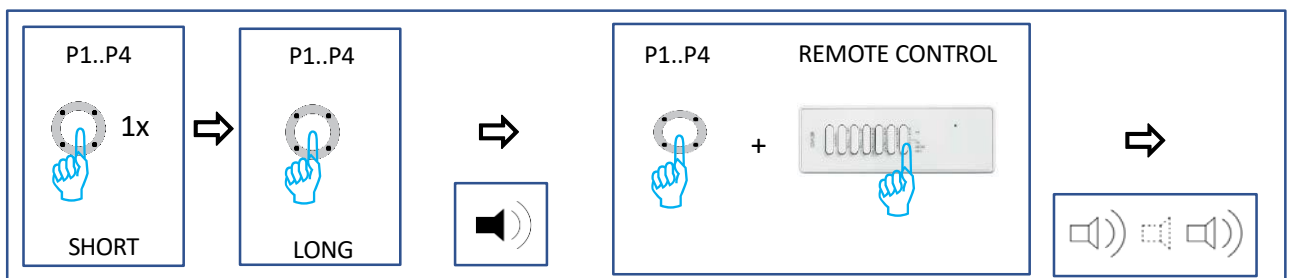

1 BUTTON OPERATION

The screen is operated by a single button on the remote control. In that case, the function sequence of the button is: OPEN > STOP > CLOSE.

Programming methode:

- •Briefly press P1..P4 1x (once)
- •Press again within one second, but keep pressing until you hear a continuous sound.
- •Keep pressing P1..P4, but now simultaneously with the target button of the remote control.
- •Release both buttons as soon as you hear short beeps. The remote control button is now programmed to operate the screen
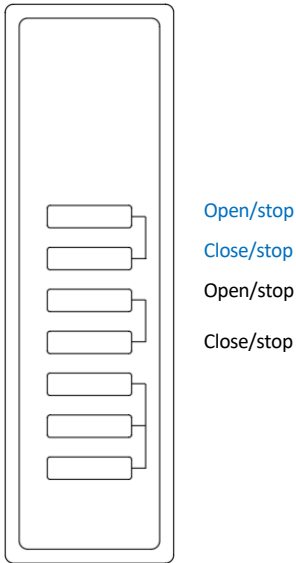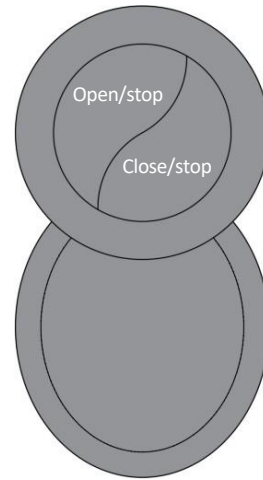
Work drawings

2 BUTTON OPERATION

The screen is operated by two buttons on the remote control.

Pressing the button for the first time activates opening (or closes), Pressing the button for the second time activates the stopping of the screen.
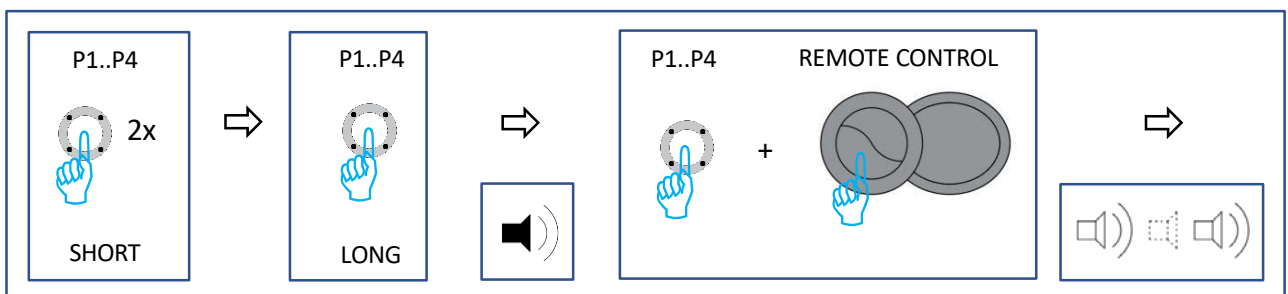

Open/stop
Close/stop
Open/stop
Close/stop

7/42 channel remote control possible programming by 2-button operation

Open/stop
Close/stop

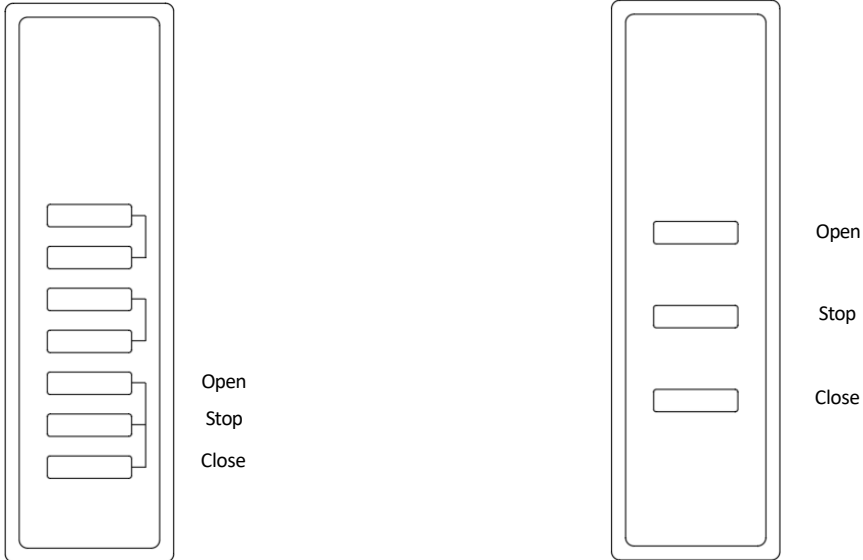2 channel remote control possible programming by 2-button operation

Programming method:

• Briefly press P1..P4 2x (twice). The interval between pressing the button the first time and pressing it the second time must not be longer than 1 second.
• Press again within one second, but keep pressing until you hear a continuous sound.
• Keep pressing P1..P4, and press the OPEN button on the remote control.
• Release both buttons as soon as you hear short beeps. The remote control is now programmed to operate the screen.

P1..P4 2x

SHORT

P1..P4

LONG

P1..P4   REMOTE CONTROL

+

3 BUTTON OPERATION

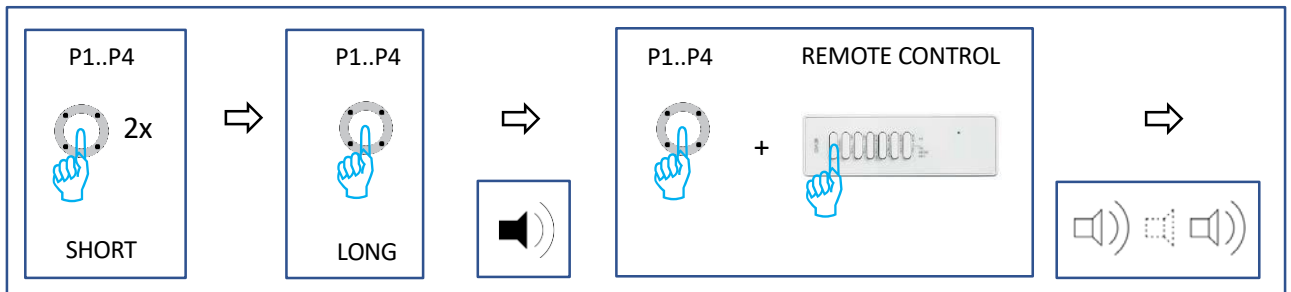The screen is operated by three buttons on the remote control.

7/42 channel remote control possible programming by 3-button operation

3/18 channel remote control possible programming by 3-button operation

Open
Stop
Close

Open
Stop
Close

Programming method:

•Briefly press P1..P4 2x (twice). The interval between pressing the button the first time and pressing it the second time must not be longer than 1 second.
•Press again within one second, but keep pressing until you hear a continuous sound.
•Keep pressing P1..P4, and press the OPEN button on the remote control.
•Release both buttons as soon as you hear short beeps. The remote control is now programmed to operate the screen.

P1..P4	P1..P4	P1..P4 REMOTE CONTROL	
2x		+	
SHORT	LONG		

Work drawings

'HOLD TO RUN' OPERATION

The screen is operated by two buttons on the remote control. As the name suggests, the screen will continue to move as long as the user actively holds the push button down. The screen will stop as soon as the button is no longer held down or pressed

Programming method:

•Briefly press P1..P4 3x (three times). The interval between pressing the button the first time and pressing it the second time must not be longer than 1 second.
•Press again within one second, but keep pressing until you hear a continuous sound.
•Keep pressing P1..P4, and press the OPEN button on the remote control.
•Release both buttons as soon as you hear a short beep. The remote control is now programmed to operate the screen.

Open
Hold-to-run

Close
Hold-to-run

P1..P4	P1..P4	P1..P4	REMOTE CONTROL
3x			+
SHORT	LONG		
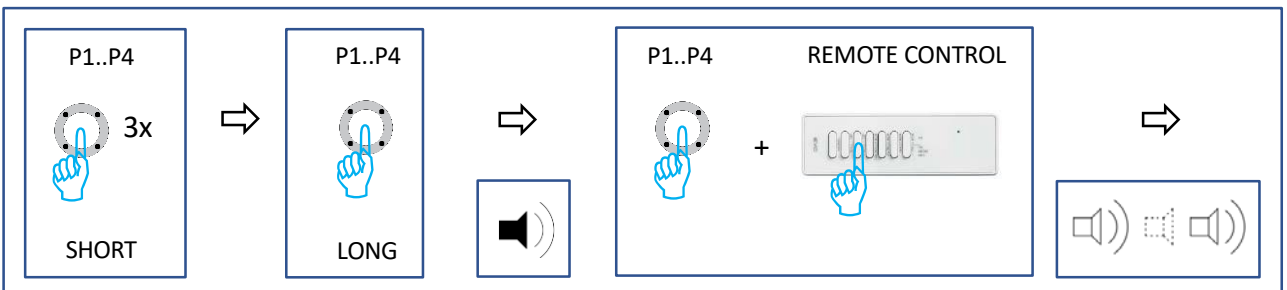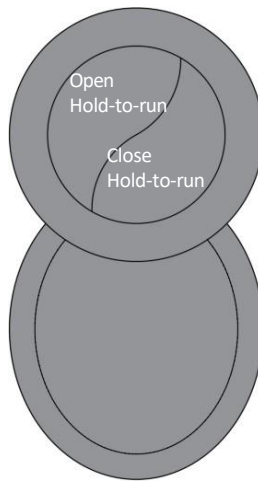
Work drawings

DELETING THE CODE

Deleting one code :

Programming method :

• Briefly press P1..P4 4x (four times). The interval between pressing the button the first time and pressing it the second time must not be longer than 1 second.
• Press again within one second, but keep pressing until you hear a short beep.
• Keep pressing P1..P4, and simultaneously press the button of the code that you want to delete on the remote control.
• Release both buttons as soon as you hear a continuous sound.
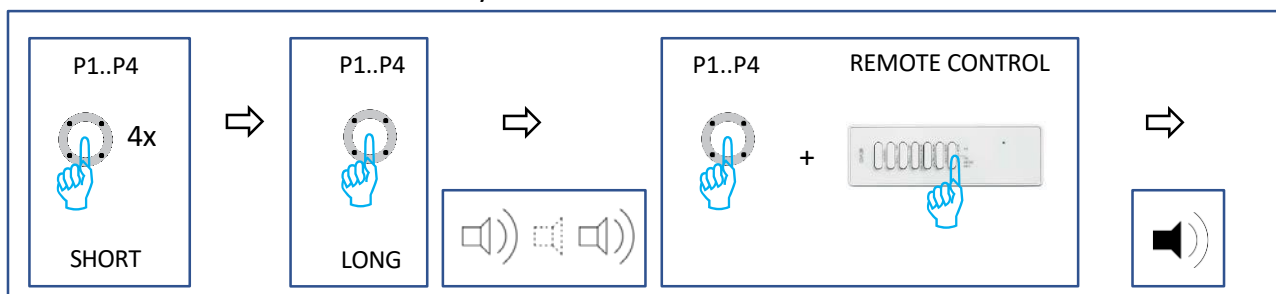
Deleting all codes:

Programming method:

• Briefly press P1..P4 5x (five times). The interval between pressing the button the first time and pressing it the second time must not be longer than 1 second.
• Press again within one second, but keep pressing for 10 seconds now.
• You hear short beeps, which turn into a continuous sound. You can now release the button
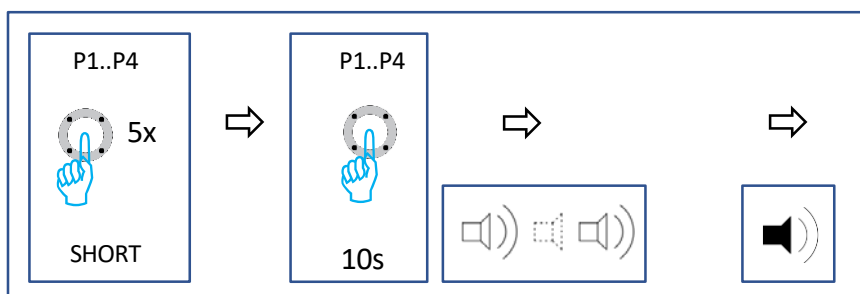
PROGRAMMING THE END SETTINGS

The motor is delivered in so-called "automatic setting mode". The motor does not have any end positions stored at that moment. The motor will continue to run as long as the up or down button on the remote control is pressed.

Safety features such as obstacle recognition and overload protection will only become active after both end positions have been activated.

The screen will make a short jolting movement every time it moves until the motor is programmed. This will disappear once the end positions have been programmed.

These positions can easily be set by using the Selve adjusting cable.

Danger of electric shock

Never connect the adjusting cable while the power is on! Make sure thatboth the radio receiver of the screens and the Selve adjusting cable are switched off before connections are made or severed.

Connect the motor cable of the screen to the settings set.

Then insert the plug into the wall socket.
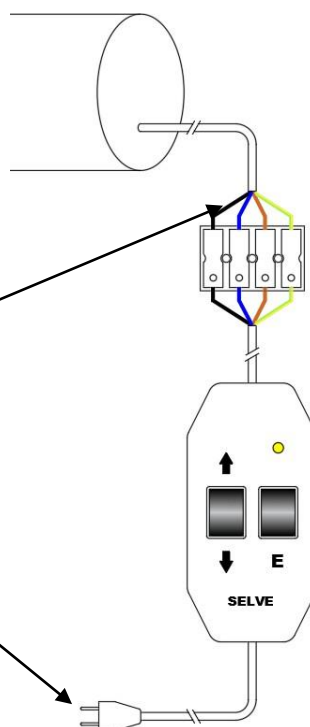
Work drawings

## 1 Automatic setting mode:
Top: end point
Bottom: end point

Select this setting mode if you want the screen to automatically stop against a mechanical barrier at the top and the bottom. This barrier can be the screen casing, the floor or a stopper that you have installed yourself inside the guides, for example. In the top position, the motor will make a short reversing movement so that the screen cloth will not remain under tension while in a standstill position.
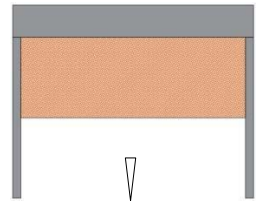
Use the ↑↓ keys to position the screen somewhere in the middle.
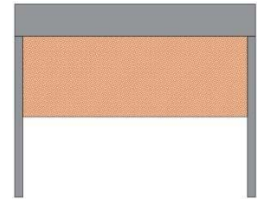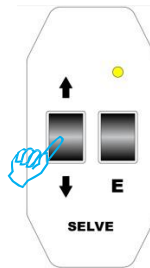
Press ↑ briefly 2x and hold it down afterwards ↑, also after the screen hits the top end point!
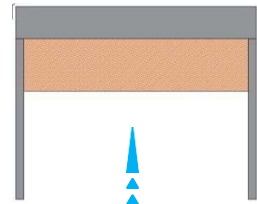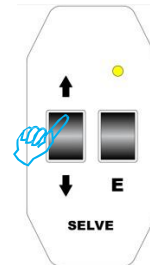
After a few seconds, the motor will change direction and the screen will drop until it reaches its lowest end point.

The end positions have now been determined. The settings set can be disconnected and the screen connected to the radio receiver
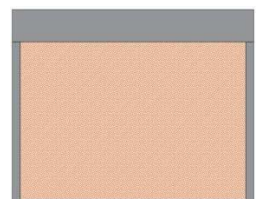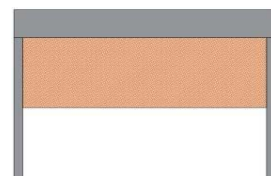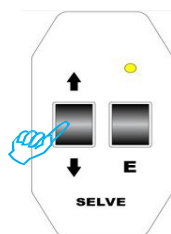
2 Manual setting mode:
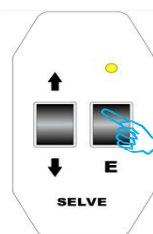## Top: you decide for yourself
Bottom: you decide for yourself

Choose this method if you want to decide for yourself the top and bottom positions in any random place.
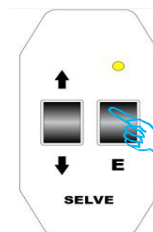
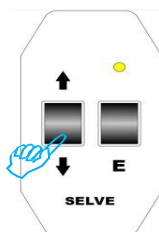Use the ↑↓ keys to position the screen somewhere in the middle.
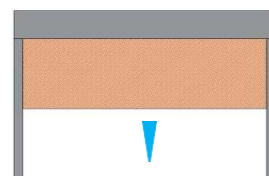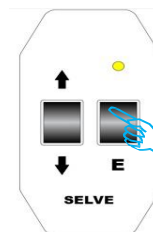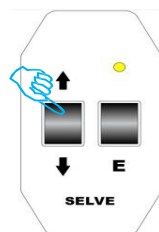
Keep E pressed for at least 6 seconds.

6 sec.

Now keep ↓ pressed down until the desired bottom position has been reached. Confirm by keeping E pressed for at least 3 sec.
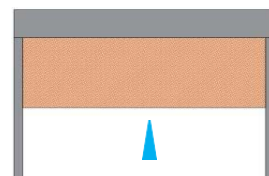
3 sec.

Keep ↑ pressed down until the desired top position has been reached. Confirm by keeping E pressed for at least 3 sec.

3 sec.

The end positions have now been determined. The settings set can be disconnected and the screen connected to the radio receiver.
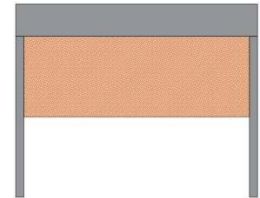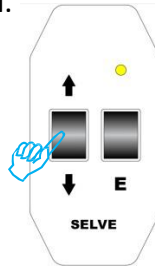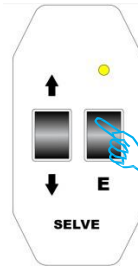
3 Mixed setting mode:
Top: end point
Bottom: you decide for yourself

You combine both the previous principles with this choice. The screen will stop at the top against the screen casing after the setting has been completed. However, the bottom position can be selected at will.
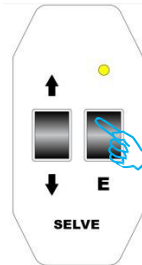
Use the ↑↓ keys to position the screen somewhere in the middle.
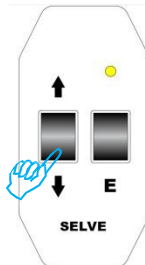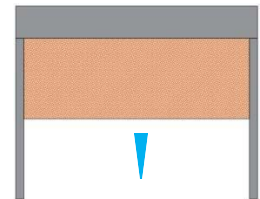
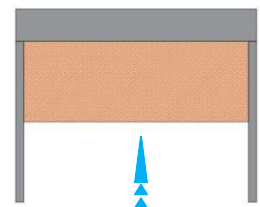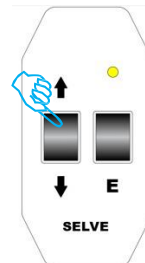Push E for at least 6 seconds.

6 sec.

Now keep ↓ pressed down until the desired bottom position has been reached. Confirm by keeping E pressed for at least 3 sec.

3 sec.

Press ↑ briefly 2x and hold it down afterwards ↑ until the screen hits the lower end point and stops.
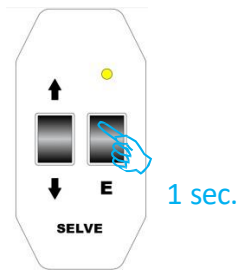
The end positions have now been determined. The settings set can be disconnected and the screen connected to the radio receiver.

4 Reset

Simply press the E key for 1 second to erase the end position settings. The new end positions can be set after that.

Resetting the settings.

Work drawings

WIND SENSOR

The wind sensor is an option that protects the screens from excessive wind. Therefore, install it near the lounge to ensure realistic measurement readings.

If a wind speed is measured as being higher than the set threshold value, the screens go into safety mode:
•All screens will move up.
•The LED next to terminals 15 and 16 will flash.
•The screens will no longer respond to any commands.

The safety mode will only be deactivated if the wind falls back to below the threshold for longer than one minute.

Connect the wind sensor to the radio receiver connector. There is only one connector that fits, so you cannot make a mistake. Use the extension cable provided if necessary.

The default threshold is 40 km/h. This value can be increased to a maximum of 75 km/h by using the DIP switches inside the radio receiver.

⚠️ Flowzz 100 : max 50 km/h
Flowzz 130 : max 60 km/h ⚠️

DIP1	DIP2	DIP3	Km/h
OFF	OFF	OFF	40
OFF	OFF	ON	45
OFF	ON	OFF	50
OFF	ON	ON	55
ON	OFF	OFF	60
ON	OFF	ON	65
ON	ON	OFF	70
ON	ON	ON	75