# ONE - CBF1 sun-wind sensor

In order to get the most out of the ONE - CBF1 sensor please read this user manual carefully.

## Technical data

**Range:** up to 100 metres in the open

**Power supply:** 100 - 240 V AC

**Dimensions:** 220 x 85 x 70 mm

**Signal power:** 10 mW

**Operating temperature:** from -10°C to 60°C

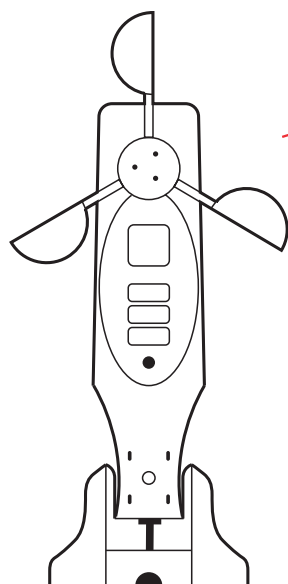**Light intensity detection range:** 1-100 kLUX

**Wind strength detection range:** 1-180 km/h

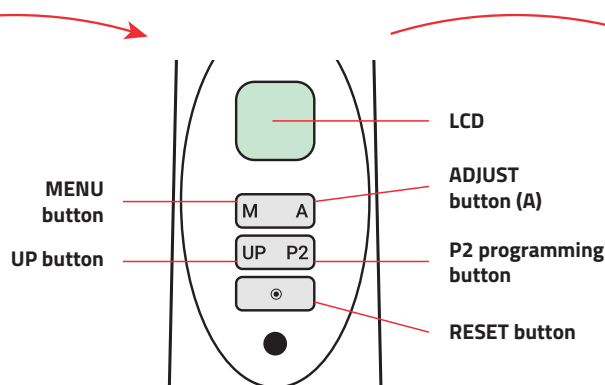**Up to 20 receivers can be programmed.**

⚠️ The range quoted by the manufacturer is a variable value, depending on the conditions of the environment in which the device operates. The range is affected by factors such as building construction, signal interference from other devices, etc.

## Description



**1-channel sensor (front)**

**Buttons (front)**
- LCD
- MENU button
- ADJUST button (A)
- UP button
- P2 programming button
- RESET button

**LCD display**

⚠️ 1. Once the sensor has been added, check for correct pairing by pressing the UP button, which should roll up the blind.
2. The display turns off after 30 seconds of inactivity. To switch on the display, press any button (except the RESET button).
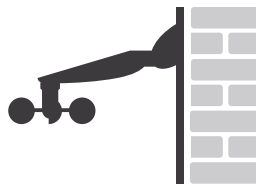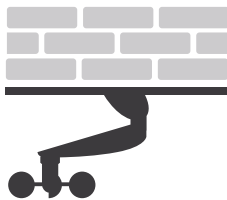
## Connecting the sensor

**PULL OUT**

L
N

230 V / 50 Hz
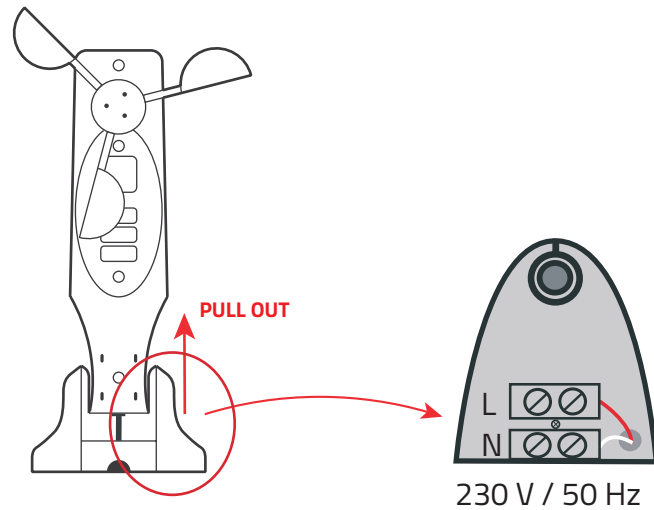
## Mounting

When installing the device, care should be taken to ensure that access to the factors that cause the sensor to operate (wind, light) is not restricted.

## How does wind sensor operate?

If the wind strength does not exceed the set value, the blind will remain lowered.

If a wind strength exceeding the set value persists for more than 3 seconds, the motor will pull the blind up.

The blind will remain pulled up so that it is not damaged by the wind. For the next 3 minutes the wind sensor will be switched off.
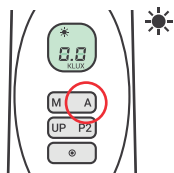
## How does light intensity sensor operate?
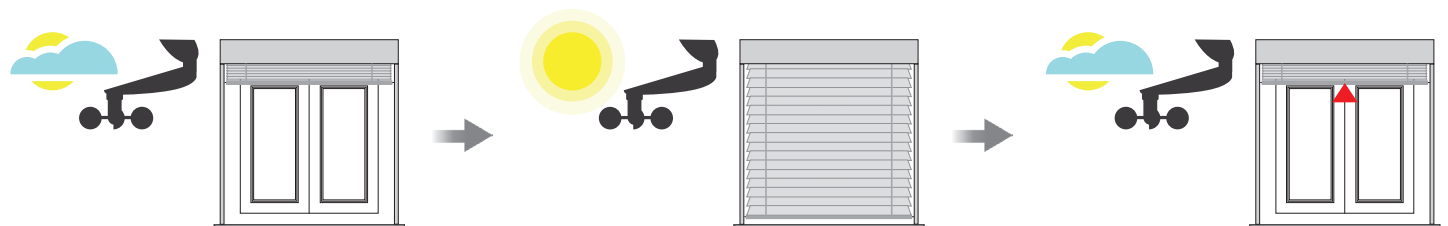
If the light intensity does not exceed the set value, the blind will remain pulled up.

If the light intensity increases and remains so for 2 minutes, the blind will lower.

If the light intensity decreases and remains so for 15 minutes, the blind will pull up.
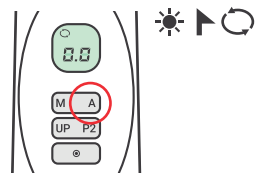
one
anwis smart home

## Display of currently recorded values



Press the ADJUST button 'A'. The display will show the currently registered light intensity value.
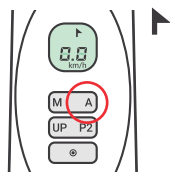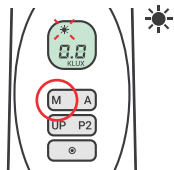
Press the ADJUST button 'A' again. The display will show the currently recorded wind strength.
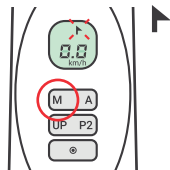
Press the ADJUST button 'A' again. The display will show: the currently recorded light intensity value and wind strength.
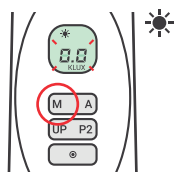
## Checking sensor settings



Press the 'M' MENU button. The sun symbol flashes, the display shows the activation value of the sun sensor.
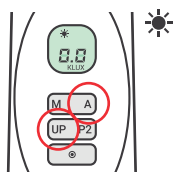
Press the 'M' MENU button again. The wind symbol flashes and the display shows the wind sensor activation value.

A third press of the MENU button 'M' exits the sensor settings check mode.

## Setting the wind and sun sensor values



Press and hold the MENU button 'M' for 2 seconds. The sun sensor activation value will flash on the display.

Use the ADJUST button 'A' to decrease or the UP button 'UP' to increase the value.
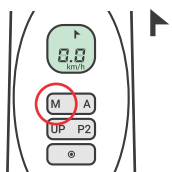
Press MENU button 'M' to start changing the wind sensor settings. The sun sensor activation value will flash on the display.
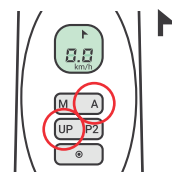
Use the ADJUST button 'A' to decrease or the UP button to increase the value.

Pressing the MENU button 'M' again exits the wind and sun sensor setting mode.

## Selection of operating mode

⚠ The sensor can operate in unidirectional mode (compatible with unidirectional motors) or in bidirectional mode (compatible with bidirectional motors).



Unidirectional mode

Bidirectional mode
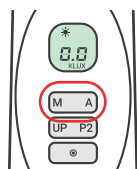
Simultaneously press and hold the MENU button 'M' and the ADJUSTMENT button 'A' for 10 seconds.

The display will show the 'o' or 'F' symbol.

„o" – unidirectional mode
„F" – bidirectional mode

## Programming the sensor for radio-controlled motors

### METHOD 1:



| Press the P2 programming button on remote control. | Motor makes a beeping sound. The blind makes short up/down movements. | Press the programming button (P2) on remote control. | Motor makes a beeping sound | Press the programming button (P2) on the sensor. | Motor makes a beeping sound. The blind makes short up/down movements. | OK The sensor has been programmed. |

### METHOD 2:



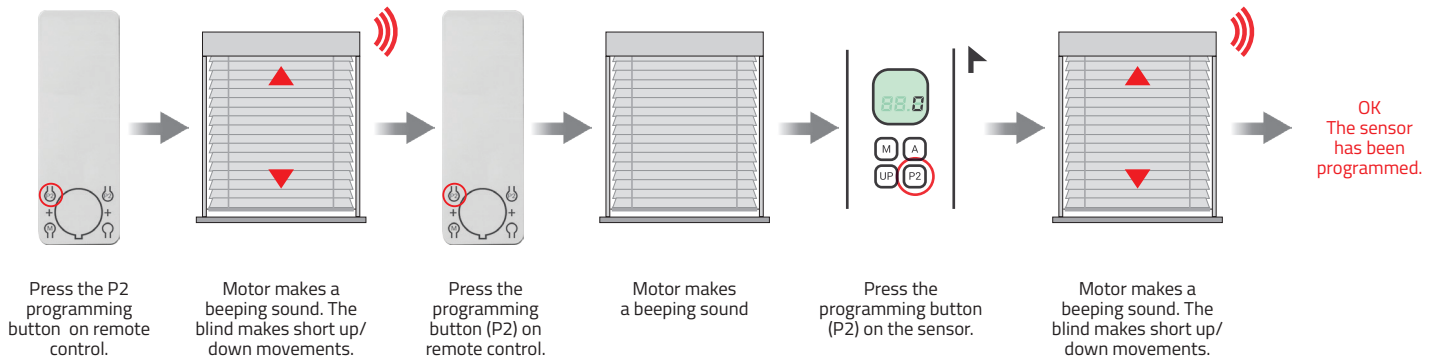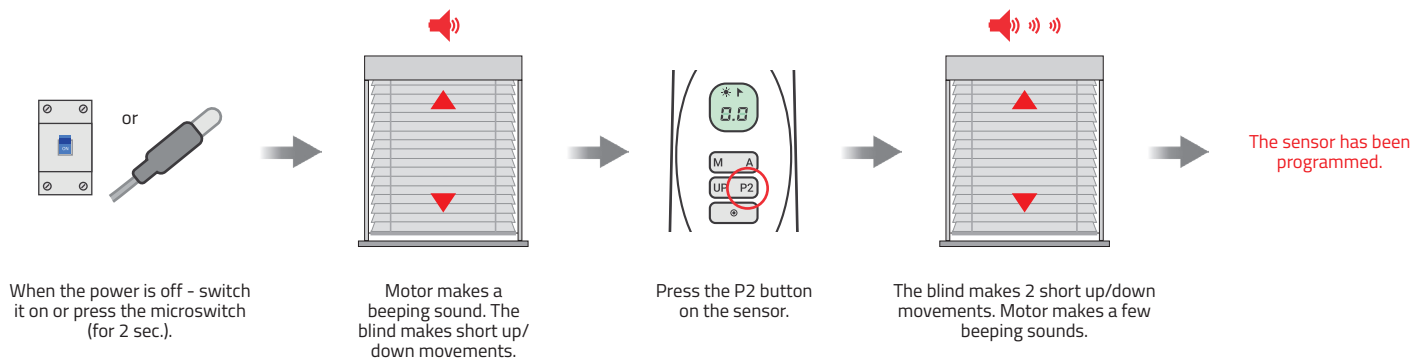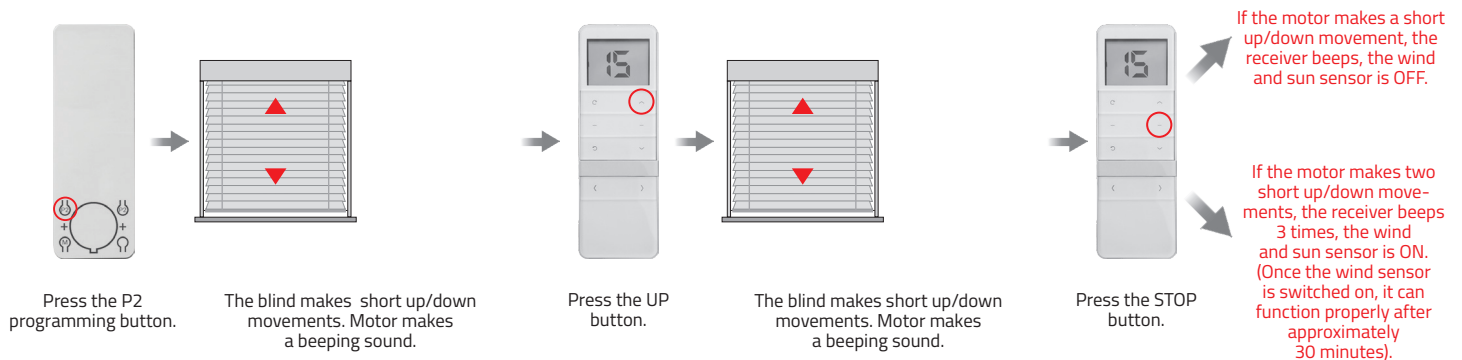| When the power is off - switch it on or press the microswitch (for 2 sec.). | Motor makes a beeping sound. The blind makes short up/down movements. | Press the P2 button on the sensor. | The blind makes 2 short up/down movements. Motor makes a few beeping sounds. | The sensor has been programmed. |

## Switching the wind and sun sensor off/on

⚠ By default, the wind and sun sensor is on



| Press the P2 programming button. | The blind makes short up/down movements. Motor makes a beeping sound. | Press the UP button. | The blind makes short up/down movements. Motor makes a beeping sound. | Press the STOP button. |

If the motor makes a short up/down movement, the receiver beeps, the wind and sun sensor is OFF.

If the motor makes two short up/down movements, the receiver beeps 3 times, the wind and sun sensor is ON. (Once the wind sensor is switched on, it can function properly after approximately 30 minutes).

## Switching the sun sensor off/on

⚠ By default, the wind and sun sensor is switched on.



| Press the P2 programming button. | The blind makes short up/down movements. Motor makes a beeping sound. | Press the P2 programming button. | The blind makes short up/down movements. Motor makes a beeping sound. | Press the UP button. |

If the motor makes a short up/down movement, the receiver beeps, the sun sensor is OFF.

If the motor makes two short up/down movements, the receiver beeps three times, the sun sensor is ON.

one
anwis smart home