

### General information

The Ventero-868 is a wireless-operated wind control device for your awning.

Integrated solar cells enable autonomous function of the device. Radio signals (frequency 868.3 MHz) are transmitted between the Ventero-868 and the motor.

The awning can be operated manually via a manual/wall transmitter.

### Safety instructions



**Warning!**

#### Important safety instructions!

##### Observe the following instructions.

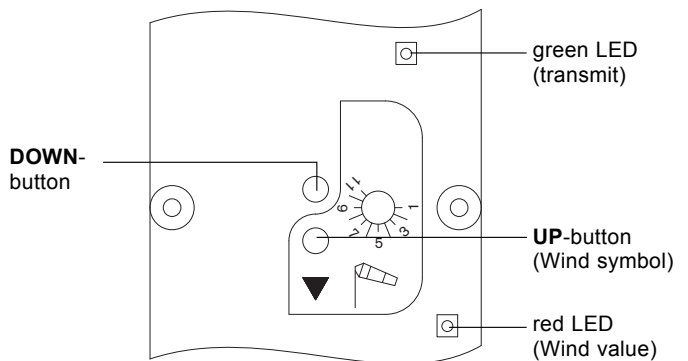
- Only use unmodified original **elero** electrical parts.
- Keep persons away from the operating range of the system.
- Keep children away from the controls.
- Follow the relevant country-specific regulations.
- If one or more devices are used for controlling the system, the operating range must stay visible during operation.
- The device contains swallowable small parts.

### Intended use

The Ventero-868 may **only** be used for controlling roller shutter, awning and blind systems.

Third-party devices should only be connected after consultation with your specialised dealer.

- Please ensure that the radio installations are not operated in areas of heightened possible interference. (e.g. hospitals, airports...).
- The remote control is only approved for devices and systems for which any malfunction of the manual transmitter or receiver would not result in a risk for persons, animals or property, or if such a risk is covered by other safety devices.
- The operator has no protection whatsoever from interferences by other radio emitters and local terminals (e.g. also from radio installations), that are normally used on the same frequency range.
- Only use radio receivers with equipment and units approved by the manufacturer.



### Device function

The wind speed is measured at intervals and compared with the set value.

Wind value above set value → Awning retracts or remains retracted and is blocked for around 15 min. (red LED flashes)

The wind function is always active.

However, in the event of a wind alarm, the keys are disabled for 15 minutes.

### Charging the Ventero-868

The Ventero-868 is supplied in discharged condition.

1. Prior to commissioning, load the Ventero-868 for at least minimum 30 minutes under a lamp or press the travel key for at least 1 minute.

**Advice:** the travel keys have two settings.

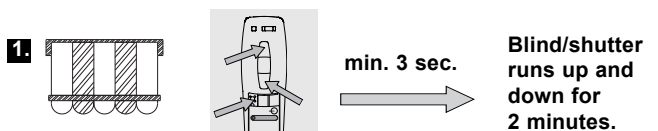
The first setting transfers energy from a built-in cell to the energy store.

The second setting activates the travel command.

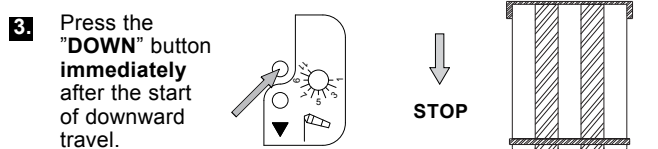
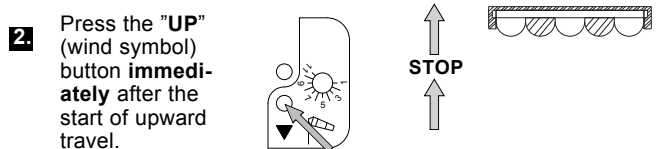
### Programming Ventero-868

**Condition:** The end positions of the awning have been set, a transmitter has been taught, and the Ventero-868 has been loaded (LED flashes when a key is pressed).

#### Start programming mode



„Teach-in“ programmed transmitter.



## Installation

Before installing the unit at the required position, check the proper function of the Ventero-868 and the receiver.

### Mounting options for Ventero-868

The wall bracket can be swivelled between  $-5^\circ$  and  $180^\circ$ . Secure the required position once it has been set (see screw a).

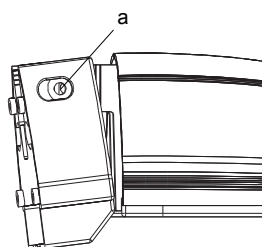


**Caution**

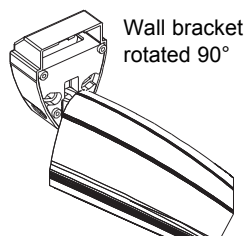
Up- or downwinds blowing against façades may cause destruction of equipment.

The Ventero-868 is **not** able to recognise these.

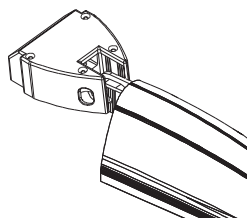
Please pay attention to this advice when choosing your mounting position.



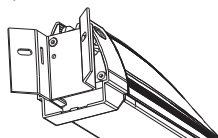
Wall bracket rotated  $180^\circ$



Wall bracket rotated  $90^\circ$

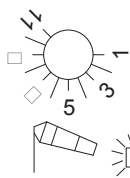


Mast and corner mounting  
Optional accessory  
(Article no. 24 269,0201)



### Setting the threshold values

A multiple contact switch for wind is provided on the underside of the Ventero-868. The switch has several settings, which can be modified with a small screwdriver.



#### Wind

- Setting 1 → Retract at low wind speed
- Setting 2 bis 10 → Intermediate levels
- Setting 4 → **Factory setting**
- Setting 11 → Retract at high wind speeds

red LED

### Checking the wind function

1. Take the awning to the middle position with the manual transmitter.
2. Set the multiple contact switch for the wind value (at the bottom of the device) to setting 1.
3. Turn the wind vane several times.  
The awning will retract.
4. Set the multiple contact switch for the wind value to the required setting.

**Advice:** In the event of a wind alarm, the keys are disabled for 15 minutes.

## Deleting the Ventero-868

Press the **UP** and **DOWN** keys **simultaneously** for **at least 3 sec.**

Green LED (transmit) goes out briefly.

The Ventero-868 is deleted from the receiver.

## Technical Data

Power supply	Solar
Temperature range	$-25^\circ\text{C}$ to $+60^\circ\text{C}$
Protection class	IP 43
Radio frequency	868,3 MHz
Standby	$\geq 12$ hours

### Important!

The Ventero-868 only operates in combination with radio receivers from the elero ProLine-868 radio system.

## Maintenance

The Ventero-868 is maintenance-free, but the cover must be cleaned from time to time.

Otherwise, light entry is limited and shortens functioning time.

Fault	Cause	Remedy
• Awning retracts automatically	• Wind alarm • Ventero-868 is not charged • Poor radio connection	• Wait for wind interlock to be deactivated (15 min.) or briefly interrupt power supply. • Charge Ventero-868 • Change position of Ventero-868
• No travel command can be issued via the manual transmitter	• Wind alarm is active • Battery in the manual transmitter is dead • Motor has no power supply or is overheated	• Wait (15 minutes) • Change battery • Check voltage
• Awning does not retract in windy conditions	• Wind threshold value is set incorrectly • Wind vane is faulty	• Set correct value
• Receiver does not accept Ventero-868	• Ventero-868 is already programmed	• Delete Ventero-868

# EC DECLARATION OF CONFORMITY

We hereby declare that the following mentioned product/s meet/s the standards of the European Community.

Product designation: **ProLine**

- Lumo-868 all versions
- Lumero-868 / -915 / -433 all versions
- Aero-868 / -915 / -433 versions
- Aero-868 Plus, Aero-868 AC
- Sensero-868 AC, Sensero-868 AC Plus / -915 AC Plus
- Ventero-868
- Protero-868 / -915

Description: Radio-based sun, dusk, wind and rain sensors. Can be used in conjunction with controllers for opening and closing roller shutter and other shading systems or actuators.

The conformity of the above mentioned products with the relevant health and safety requirements is taken into account by the following directives and standards:

- EMC Directive 2004/108/EC  
EN 61000-6-2:2005, EN 61000-6-3:2001  
EN 60730-1:2000, EN 60730-2-7:1991
- Low Voltage Directive 2006/95/EC  
EN 60335-1:2002
- R&TTE Directives 1999/5/EC  
ETSI EN 301 489-3 V1.4.1  
ETSI EN 300 220-2 V2.1.2
- RoHS Directive 2002/95/EC

Beuren, 13.10.2011



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