



Art. nr.:
01180000

Lux sensor in Vestamatic Radio System (VRS).

Short description

- For inside mounting on the window pane
- Transmit commands combined with Touch Control VRS

Safety precautions



- Contact a professional electrician to install the control system.
- Check the control system for signs of mechanical damage after unpacking. If you notice any shipping damage, do not start up the control system and notify your supplier immediately.
- The control system should only be used for the purpose specified by the manufacturer (refer to the operating instructions). Any changes or modifications thereof are not permissible and will result in loss of all warranty claims.
- If the control units or the connected sunshade cannot be operated without presenting a hazard, it must be switched off and prevented from being switched on unintentionally.
- This device contains a pollutant battery. The end user must recycle all used batteries in accordance with regulation 91/157/EWG. Disposing of the batteries in household waste is strictly forbidden.

Technical data

Radio frequency:	868 MHz
Modulation:	FSK
Power supply:	1 × 3 V-Battery, CR 2032
Protection degree:	IP 50
Operating temperature:	0°C (32°F) to +70°C (158°F)
Range in buildings:	approx. 30 m
Dimensions (L × W × H):	Ø 41 × 13 mm
Weight:	13 g

Conformity:



Functional description

The Lux sensor can only be used in connection with Vestamatic controls for the wireless transmission of control commands.

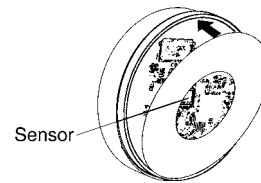
The manufacturer will not assume any liability for damage caused by improper or inappropriate handling.

The Lux sensor periodically measures the current brightness value. If the brightness exceeds or falls below the user-defined threshold, the sensor transmits a movement command to the control.

If the brightness value is over the threshold for one minute, the **DOWN** command is transmitted. If the brightness value is below the threshold for 16 minutes, the **UP** command is transmitted.

Installation

1. Stick the adhesive ring on the outside of the transparent casing.



ATTENTION!
Do not cover up the sensor.

2. Stick the sensor close to the bottom edge of the window onto the cleaned window glass from the inside.



ATTENTION!

Make sure to install the sensor in a shadow-free position! The Light Sensor may not be covered by or located in a shade place!



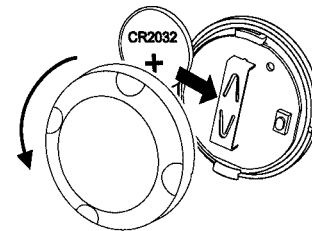
Note:

For removing the sensor can simply be taken off the window pane. Rub off the remainder of adhesive with your fingers before you stick on a new adhesive ring.

Start-up

1. **Fit batteries**

Open the casing and insert the battery into the compartment.

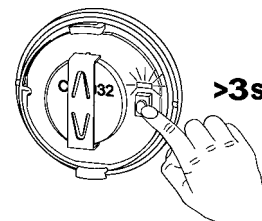


ATTENTION!
The positive pole must be visible.

2. **Setting the threshold.**

To set the threshold at which the sensor is to respond, wait until the current brightness is appropriate. Then push the sensor button (> 3 seconds) until the LED lights up. The current brightness value is saved as the new threshold.

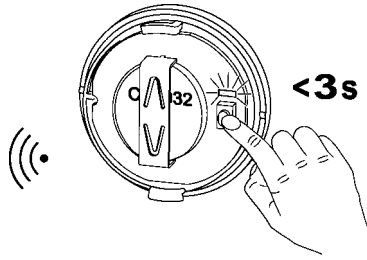
If you wish to change the threshold, repeat the procedure – the old value is overwritten.



3. Registering the light sensor to the control.

The sensor must be registered to the control, so that the control can receive the movement commands.

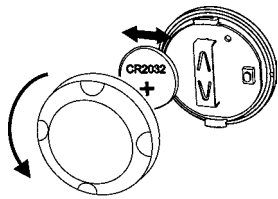
To register the sensor, activate learning mode on the control and then briefly press the sensor button (< 3 seconds). The LED lights up briefly and the sensor code has been registered by the control.



Exchanging the battery

If an empty battery symbol appears on the control system's information display, replace the battery to ensure that the VRS lux sensor continues to operate reliably. Unscrew the VRS lux sensor housing by turning it slightly to the left and replace the CR 2032 type battery.

Then reassemble the housing by following the instructions in the reverse order. When the sensor emits the next transmission signal, the battery warning will automatically disappear from the control system's information display.



ATTENTION!
The positive pole must be visible!
Keep batteries out of the reach of children.

Instructions for radio receivers



ATTENTION!
Radio transmission is not suitable for safety operations, such as emergency-stop, emergency call or warning signals.

Signals are transmitted across the Europe-wide approved 868 MHz frequency band. The radio transmission range largely depends on the constructional circumstances of the building. If other adjacent radio devices are simultaneously sending signals, mutual interferences cannot be debared. Such interferences can also affect individual units of a group of receivers.

Observing the following instructions will minimize these interferences:

- Avoid to mount radio receivers onto or adjacent to metal surfaces.
- Maintain minimum 50 cm clearance to consumer loads, such as microwave ovens or TV sets.
- Keep a minimum clearance of 50 cm between each mounted radio receiver.
- Keep a minimum clearance of 50 cm between a radio receiver and a radio transmitter.

If a radio-transmitted command cannot be clearly detected, the command execution will be suppressed by means of an integrated automatic safety function. The command must then be issued again.

Disposal of waste

The disposal of electrical equipment and batteries in household waste is strictly forbidden.



The symbol (dustbin crossed out, in line with WEEE Appendix IV) indicates separate collection of electrical and electronic products in EU countries. Do not dispose of the device or battery in your household waste. Ask your town or local council about the return and collection systems available in your area to dispose of this product.