



868.30 MHz

RADIO WIND SENSOR FOR AUTONOMO SOLAR KIT AND XQ40 AC AND DC SERIES MOTORS



Made in Italy

CE





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TECHNICAL DETAILS



Power supply	230Vac 50 Hz
Frequency	868,30 MHz
Radiated power	<10 mW
Coverage (int/ext)	20 m / 200 m
Wind sensor (5 levels)	10 / 20 / 30 / 40 / 50 Km/h
Protection rate	IP54
Working temperature	-5°C /+40°C
Dimensions	270 x 120 x 90 mm

DESCRIPTION

The QC4WSZU is a wind radio sensor. This device is for **AUTONOMO** solar KIT and 40 series AC and DC motors designed for awnings, vertical blinds and outdoor venetian blinds.

IMPORTANT: this sensor does not protect the awnings/blinds against strong gusts of wind. When weather conditions presents

this sort of risk, ensure that the awning/blind remains closed.



FUNCTIONS



When the wind speed goes over the threshold for more than 3 seconds the radio sensor shifts in wind warning mode and commands the motor to "CLOSE".

During the wind warning mode led 5 blinks and the radio sensor commands every 90 seconds the motor to "CLOSE".

When the wind speed decreases and remains below the threshold for more than 10 minutes the radio sensor leaves the wind warning mode. This mode enables the sun sensor to send the "OPEN" command in case light intensity is over the threshold.



PUSH Button	SHORT PRESS	PRESS AND HOLD
S	Decrease threshold wind	Radio command DOWN

W

Increase threshold

wind

_	

Radio command

UP

INSTALLATION



Before installing and using the radio sensor please read the instructions carefully. This device has to be installed by a professional installer. Before the installation check the compatibility of the device with the associated motors and controls. The installer must comply with the standards and legislationin the country in which the device is being installed

Note: ensure that sensors are not installed close to metal surfaces, panes of metalised glass or generally magnetic fields can reduce the radio signals range. Radio devices working on the same frequency could interfere with signals reception.

Select the right place for the installation of the sensor. Be careful that trees, roofs or parts of the building do not affect the light intensity and wind measurement.

The adjustable base of the sensor allows the right installation (horizontal position) on any surface.







CONNECTION



- 1. Open the top cover by the 4 screws on the bottom.
- Connect the power line as described below.
 Check that the power supply corresponds to the label data.
- 3. Close the top cover and tight the screw to seal it.





Additional Accessories required:

2-wire cable that meets the standards of the country in which it is installed



CONNECTION SENSOR/MOTOR



IMPORTANT: First program a transmitter with the motor then set the limits of the motor and finally set the transmitter with the sensor.

Programming procedure of sensor is like adding a new transmitter to the motor so:

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Press and hold PROG-TX button on the back of transmitter till the motor starts moving, then releasePROG-TX button (the motor stops).



Within 8 seconds, press and hold the **W** button on the anemometer for at least 2 seconds. The wind sensor is now programmed.

CHECKING CONNECTION

1. Press and hold **W** button for at least 3 seconds. If properly linked the motor goes UP.

2. Press and hold **S** button for at least 3 seconds. If properly linked the motor goes DOWN.



SETTING WIND THRESHOLD



Short press **W** or **S** to change adjustment. The sensor will display the active threshold for 8 seconds. After 8 seconds from the last press, the sensor returns to the "basic display".

LEDs 1, 2, 3, 4 and 5 indicate the selected setting. **There is no provision for the anemometer to be deactivated**

	WIND THRESHOLD (wind speed)				
	LOW	LOW/ MEDIUM	MEDIUM	MEDIUM/ HIGH	HIGH
	10 Km/h	20 Km/h	30 Km/h	40 Km/h	50 Km/h
LED 1	• ON	• ON	• ON	• ON	• ON
LED 2	OFF	• ON	• ON	• ON	ON
LED 3	OFF	OFF	• ON	• ON	ON
LED 4	OFF	OFF	○ OFF	• ON	ON
LED 5	OFF	OFF	OFF	OFF	• ON





ANEMOMETER INDICATOR (LED5)

Led 5 shows the wind sensor status:

LED 5 OFF	The detected wind speed is below the threshold	
LED 5 BLINKS SLOWLY	The sensor is in wind warning mode. Detected wind speed is over the threshold	
LED 5 BLINKS FAST	The radio sensor is commanding the motor to "CLOSE"	





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