PTPS03W

1. SAFETY TIPS

⚠ **Warning: Important safety instructions for people, READ CAREFULLY when you see this symbol ⚠**

This product must only be used for its intended purpose. Any other use is dangerous. Follow all instructions as improper installation may result in in serious bodily injury. Keep these warnings together with the installation and operation manuals that come with the device.

⚠ **Always cut off the power before performing any intervention**

⚠ **Always double check the system is properly connected to the earth**

Installation must be carried out by expert qualified personnel who knows the potential hazards associated and must fully comply with the outstanding current regulations. Use of the product must be restricted to its intended use. Any other use is to be considered dangerous and therefore forbidden.

⚠ **Do not allow children to play with the fixed command devices. Keep any remote control devices (i.e. transmitters) away from children to prevent the system from being accidentally activated.**

Keep the system regularly maintained. Use only Proteco's original spares. Users are strictly forbidden to carry out any changes on the system. Proteco Srl is not liable for any damage resulting from improper, wrongful or unreasonable use.
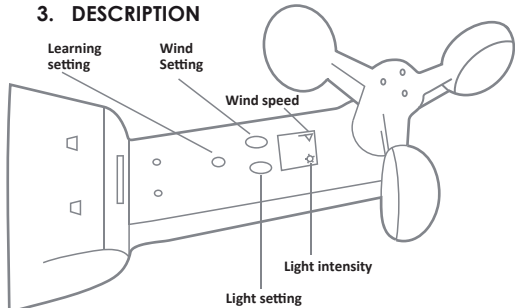
2. TECHNICAL FEATURES

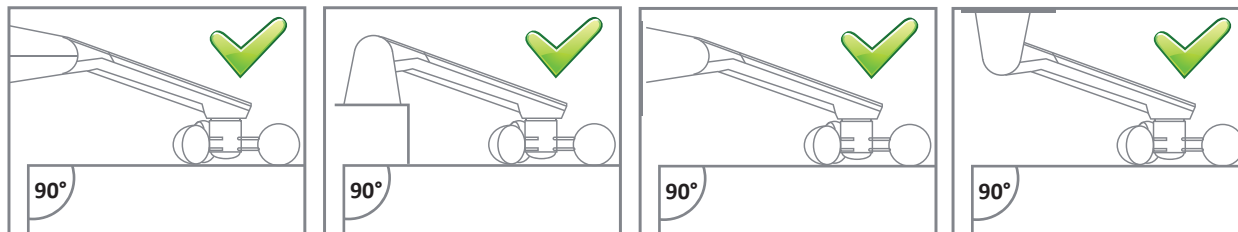|			
Power source	solar energy + Lithium battery 3.7V, 180mAh	Frequency	433.92 MHz
Absorption	<=12mA	Working temperature	-20 C° < +60 C°
Code type	rolling code	Protection Class	IP44

3. DESCRIPTION

4. DIMENSIONS
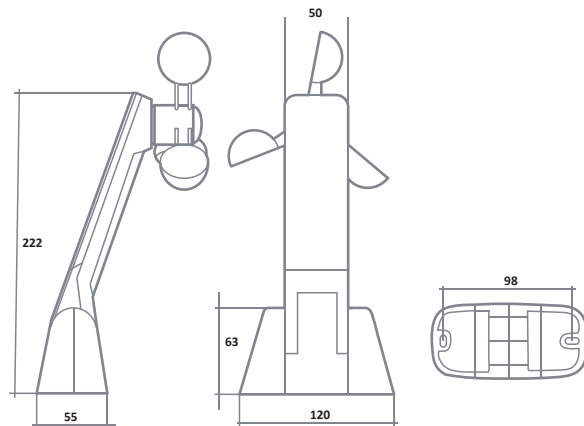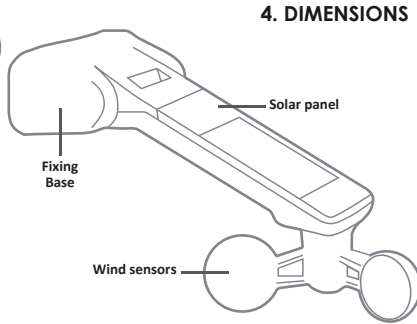
5. INSTALLATION

So that the system works properly the device shall be installed in a sheltered area near the awning, where it is possible to monitor the light intensity as well as the wind speed. Make sure there are no other devices with the same frequency (433,92 MHz) nearby so as not to cause interferences. Use the provided material, paying special attention to the position (see here above) so as not to invalidate the wind speed values.

6. RADIO CODE LEARNING

Powering the control panel, the motor makes a quick vibration and goes automatically to learning mode.

Briefly press the learning key

The motor makes a one vibration, the radio code has been successfully stored.

7. WIND SPEED SETTING

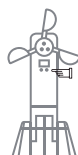Press wind speed key for 2 seconds, left hand figures on the LCD screen start blinking

Briefly press the speed key, a numbering from 0 to 5 is displayed

Set the value according to the wind speed (see the table hereby), press once the right key to confirm. Figures stop blinking and the setting is successfully stored

Ratio between wind speed level and wind speed in real time

Speed level	Speed in real time
0	OFF
1	10Km/h
2	15Km/h
3	20Km/h
4	30Km/h
5	>40Km/h

8. LIGHT INTENSITY SETTING

Press light intensity key for 2 seconds, right hand figures on the LCD screen start blinking

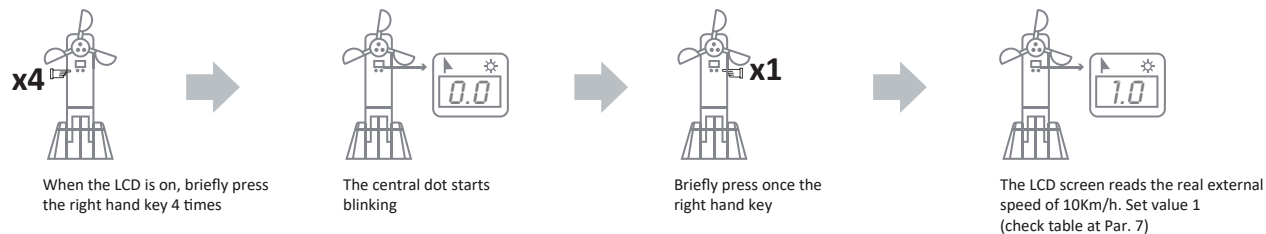Briefly press the light intensity key, a numbering from 0 to 9 is displayed

Set the value according to the light intensity (see the table hereby), press once the left key to confirm. Figures stop blinking and the setting is successfully stored

Ratio between light level and light intensity in real time

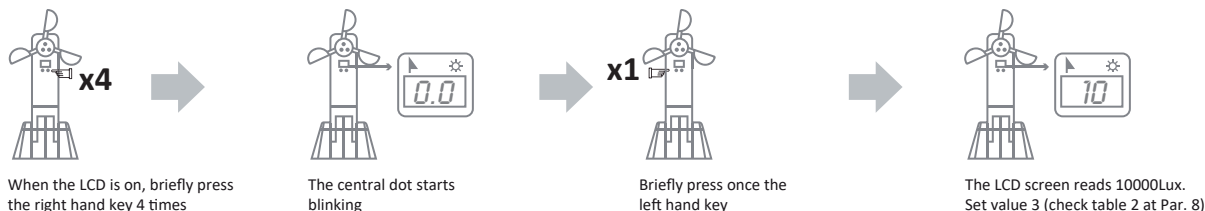| Light level	Light intensity	Light level	Light intensity
0	OFF	5	40000Lux
1	2000Lux	6	60000Lux
2	5000Lux	7	70000Lux
3	10000Lux	8	80000Lux
4	20000Lux	9	90000Lux

9. WIND SPEED CHECK

When the sensor is measuring real-time wind speed, the speed value shall appear on the LCD screen.
Ex.: value "1.0" reads a real 10Km/h external wind speed.

x4

→

`0.0`

→

x1

→

`1.0`

When the LCD is on, briefly press
the right hand key 4 times

The central dot starts
blinking

Briefly press once the
right hand key

The LCD screen reads the real external
speed of 10Km/h. Set value 1
(check table at Par. 7)

10. LIGHT INTENSITY CHECK

When the sensor is measuring real-time light, the intensity value shall appear on the LCD screen. Ex.: picture "10" reads a real intensity of 10000Lux

x4

→

`0.0`

→

x1

→

`10`

When the LCD is on, briefly press
the right hand key 4 times

The central dot starts
blinking

Briefly press once the
left hand key

The LCD screen reads 10000Lux.
Set value 3 (check table 2 at Par. 8)

NB. Se il display indica "00" l'intensità luminosa è <1000Lux, se appare "99", l'intensità sarà superiore ai 100000Lux.
Dopo 3 minuti di inattività, il display torna in stand-by.

11. OPERATION

1 WIND MODE: INTENSE WIND PROTECTION

6s

→

→

30s

If wind speed exceeds the set value for
6 consecutive seconds, a closing command is
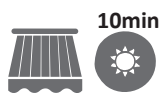given to immediatey retract the awning.

As long as the speed wind exceeds
the set value, there is no way to open the
awning (manual operation, transmitters and
sensors are desactivated)

If wind speed drops for 30 seconds below the set value,
the sensor gives an opening signal to the system, and it is
possible to open the awning using transmitters or through
the sensor itself.

2 SUN MODE

10min

→

10min

If the light intensity exceeds the set value for
10 consecutive minutes, an opening command is
given to immediate open the awning

If the light intensity drops below the set
value for 10 consecutive minutes, a closing
command is given to immediate retract the awning

12. COMPLIANCE DECLARATION

Proteco Srl declares the sun/wind sensor PTPS03W complies with the essential requirements of RED 2014/53/CE for its intended use and LVD 2014/35/CE.

Castagnito, 3 ottobre 2016

Marco Gallo
Managing Director