

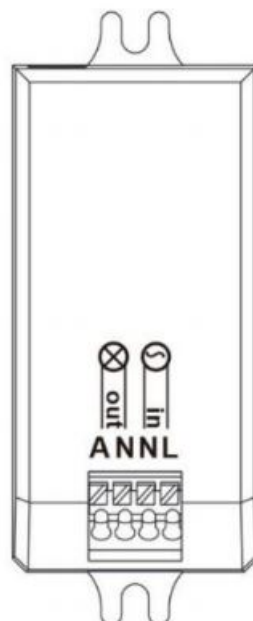
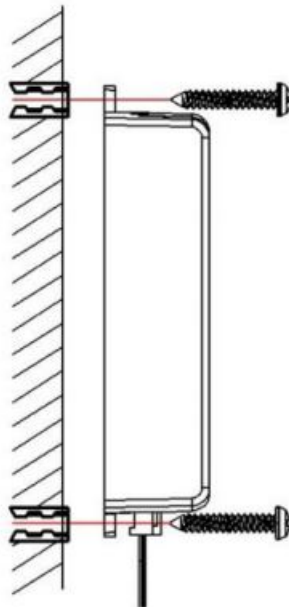
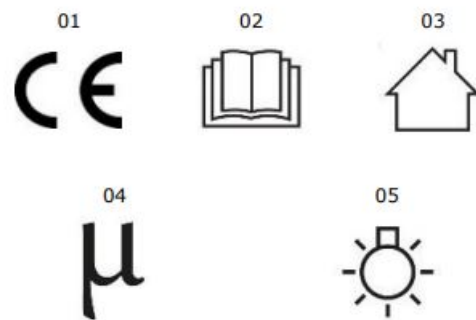
velleman SENSOR PIR DE CURTA User Manual

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velleman SENSOR PIR DE CURTA

PEREL®

EMS201



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1. Introduction

To all residents of the European Union Important environmental information about this product



This symbol on the device or the package indicates that disposal of the device after its lifecycle could harm the environment. Do not dispose of the unit (or batteries) as unsorted municipal waste; it should be taken to a specialized company for recycling. This device should be returned to your distributor or to a local

recycling service. Respect the local environmental rules. **If in doubt, contact your local waste disposal authorities.**

Thank you for choosing Perel! Please read the manual thoroughly before bringing this device into service. If the device was damaged in transit, do not install or use it and contact your dealer.

2. Symbols

- 01 CE marking.
- 02 Read and understand this manual and all safety signs before using this appliance.
- 03 Indoor use only.
- 04 Switch of micro-gap construction.
- 05 Incandescent lamp.

3. Safety Instructions

- This device can be used by children aged from 8 years and above, and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the device in a safe way and understand the hazards involved. Children shall not play with the device. Cleaning and user maintenance shall not be made by children without supervision.
- Do not disassemble or open the housing.
- There are no user-serviceable parts inside the device. Refer to an authorized dealer for service and/or spare parts.
- Do not immerse the device in any liquid. Keep away from high heat and fire.

4. General Guidelines

- Refer to the Velleman® Service and Quality Warranty on www.velleman.eu.
- Protect this device from shocks and abuse. Avoid brute force when operating the device.
- Familiarise yourself with the functions of the device before actually using it.
- All modifications of the device are forbidden for safety reasons. Damage caused by user modifications to the device is not covered by the warranty.
- Only use the device for its intended purpose. Using

the device in an unauthorized way will void the warranty. • Damage caused by disregard of certain guidelines in this manual is not covered by the warranty and the dealer will not accept responsibility for any ensuing defects or problems. • Keep this manual for future reference.

5. Installation

Guidelines

• Choose a proper installation location. Avoid places where temperature changes frequently, e.g. near air conditioners or heating devices. • Avoid pointing the appliance towards objects with highly reflective surfaces such as mirrors. • Avoid pointing the appliance near heat sources such as heating vents, air conditioning units, etc. • Avoid pointing the appliance towards objects that may move in the wind such as curtains, plants, etc. • Install the appliance at a distance of a minimum of 60 cm when using a lamp of 60 W or more. • Make sure the installation surface is immobile. • Also, avoid obstructions or moving objects in the detection field of the appliance to prevent unnecessary activation. • The minimum installation height is 1.7 m, the maximum installation height is 3.5 m.

Installation

• Switch off the power. • Fix the appliance in the chosen installation location with the appropriate screws.

Connection

Warning! Risk of electroshock! Touching live wires can cause life-threatening electroshocks. Has the device repaired by qualified personnel? Disconnect the power source. Cover and shield any adjacent live components. Ensure the device cannot be switched on. Make sure the power supply is disconnected.

• Connect according to the wiring diagram. Switch on the power and proceed with testing.

Testing

• When you move your hand in front of the sensor, the lamp will switch on. • When you move your hand again, the lamp will switch off.

6. Care and Maintenance

The appliance does not need any particular maintenance. However, occasionally wipe it with a damp cloth to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents.

7. Specifications

switch type	relay
detection angle	160°
detection range	5-8 m (< 24 °C)
rated load	
tungsten.....	max. 800 W – max. 4 A
fluorescent.....	max. 400 W – max. 2 A
LED	max. 400 W – max. 2 A
IP rating	IP20
power supply	230 V~, 50 Hz
working temperature	-10 °C to +40 °C
working humidity.....	< 93 % RH
time-delay switch	–
light control	–
dimensions	74.6 x 36 x 18 mm
lens diameter.....	12 mm

weight..... 57 g


Use this device with original accessories only. Velleman NV cannot be held responsible in the event of damage or injury resulting from (incorrect) use of this device. For more info concerning this product and the latest version of this manual, please visit our website www.velleman.eu. The information in this manual is subject to change without prior notice.

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Documents / Resources

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References

-  [Velleman â€™ Wholesaler and developer of electronics](#)