

X10728

Infresco VR-PIR-12V Sensor

Issue 5



1 Introduction

This 12V single head Passive Infra-Red (PIR) external sensor has been selected to work with the Infresco VR- range. The PIR will monitor the selected area ensuring the heaters only switch on when it is occupied.



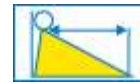
MOTION DETECTOR 12 VOLT LBB 180°



5 - 1000 Lux



5 seconds to 15 minutes



approx. 12 metres



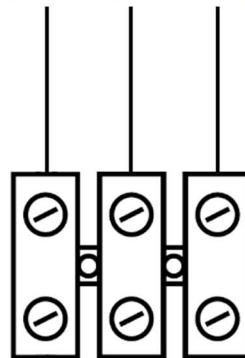
Sensor

- Motion detector 12V LBB 926, white
- Field of detection 180°
- For wall mounting
- 12 volt technology, ideal for camping, boats and solar technology
- With floating switch contact
- Housing made of UV-resistant plastic
- Optimum detection of the required area thanks to rotatable and swivelling sensor head
- Twilight switch and switching time are continuously variable

2 Installation



WHITE RED BLACK

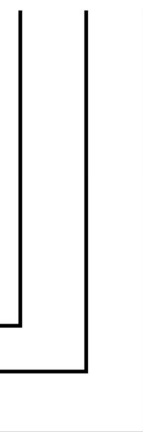


INFRESCO



12VDC SIG COM
OUT IN

PIR SENSOR



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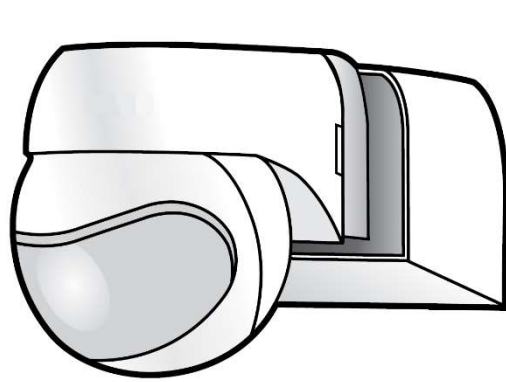
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4 Technical Specifications

Sensing range	180°
Time setting	approx. 5 seconds to 15 min, infinitely variable
Range	approx. 3-12m, infinitely variable
Twilight switches	approx. 5 - 1000 lux, infinitely variable
Operating voltage	12 V AC/DC
Approx. power consumption	0.5 W
Switching capacity	floating relay 5A, 12V to 24V DC
Protection type	IP 44
Installation type	wall mounting
Measurements	W 60 x H 85 x D 85 mm
EAN code	4011315016927

5 Troubleshooting

Problem	Cause	Remedy
Motion detector switches the light on too late	<ul style="list-style-type: none"> Field of detection setting Movement from the front 	<ul style="list-style-type: none"> Adjust field of detection by turning the sensor
Motion detector fails to achieve maximum range	<ul style="list-style-type: none"> Motion detector is mounted too low Difference in temperature between heat source and surroundings is not big enough 	<ul style="list-style-type: none"> Mount Higher
Motion detector switches light on constantly or when not necessary	<ul style="list-style-type: none"> Constant warm movement: The field of detection encompasses areas that do not require monitoring, such as pathways, roads, trees and reflective water. Unexpected change in heat sources due to a storm, rain or fans. Influence of direct/indirect sunlight 	<ul style="list-style-type: none"> Re-align detector and, if necessary change its location

6 CE Marking

This product family carries a "CE" marking and incorporates a filter. For more information see recommendations section and contact our sales desk, see Declaration of Conformity.

7 Order Code





State Part Number	A26051
For additional installation information on the Infresco-VR range see the appropriate manual:- INFRESCO-V (R/M)-2kW – X20018 INFRESCO-V (R/M)-4kW – X20033 INFRESCO-V (R/M)-6kW – X20029	



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