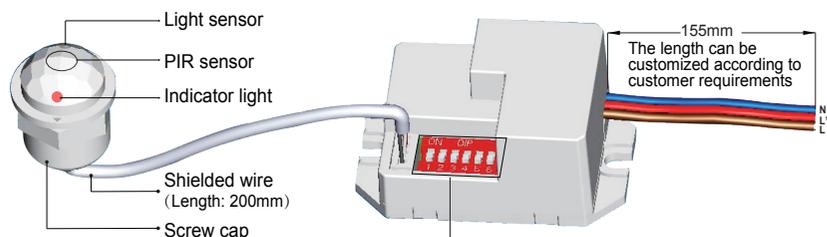


AM-PIR-M15Z-B Infrared Sensor Instruction

A M S T R O N

Summary

AM-PIR-M15Z-B is a digital technology of the latest version of the infrared sensor. Adopt anti-jamming SMD infrared sensor. The Finier lens is also equipped with a sensing status indicator and a photosensitive sensor. AM-PIR-M15Z-B adopts digital precise calculation sinusoidal wave zero point switch technology, which has strong impulse current capability and is incomparable with conventional products. Can be attached to any different load. Please refer to the following introduction for details. indicator light will stop working. It can be installed indoors, corridors and public buildings.



Indicator light:
1. 30 seconds after the first power-on, it enters the normal induction state. During this period, the LED light flashes once per second.
2. When the machine receives the sensor signal, it will light up once.



Function

S1	S2	Detection range
0	0	8m
0	1	6m
1	0	4m
1	1	3m

A
A:Detection range
8m、6m、
4m、3m

S3	S4	Time setting
0	0	6s
0	1	3min
1	0	5min
1	1	8min

B
B:Time setting
6s、3min、
5min、8min

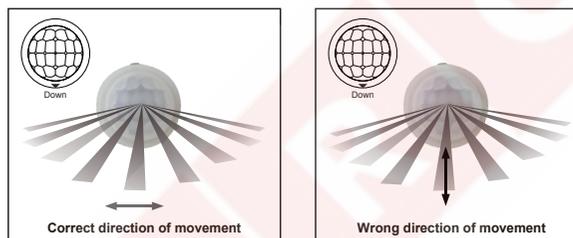
S5	S6	Light-control
0	0	<5LUX
0	1	<20LUX
1	0	<50LUX
1	1	All light

C
C:Light-control
<5LUX、<20LUX、
<50LUX、all light

Specifications

Power source: 220-240VAC 50Hz/60Hz
100-130VAC 50Hz/60Hz
All loads: 1200W Max. (220-240VAC)
600W Max. (100-130VAC)
Surge current: 50A/500μS
Detection angle: 100°
Working temperature: -20~+40°C
Working humidity: ≤93%RH

Sensor information

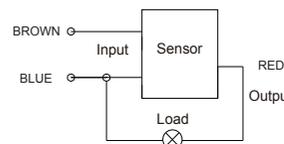


Application

AM-PIR-M15Z-B can be used with any product, or it can be installed and used independently. There are two installation methods: wall and ceiling. Eg, add the sensor, from one normal lighting to automatic sensor lamp.

Connection-wire diagram

1. Connect brown and blue with power;
2. Connect red and blue with load.



Attention

- The installer should have electrician or relevant experience;
- Do not install this machine in places exposed to direct sunlight, where the current and temperature change significantly, such as air-conditioning and heating;
- Do not choose rocking objects as the installation base;
- In front of the sensing range, there should be no obstacles or moving objects affecting its detection.

·The higher the ambient temperature, the lower the sensitivity of the sensor! The nominal detection distance in the manual is the distance when the ambient temperature is 22-24°C.

At the factory, the sensitivity is set to 6 meters.

Remark

1. Point the lens part of the sensor toward the place where the human body usually moves.
2. The lens part is in a position where the natural light reaches, so that the photosensitive sensor inside the lens can better perceive the environmental illuminance.

NOTE: The human body height is different, the movement speed is different, the sensitivity is also different. The moving speed is 1.0 to 1.5m / sec. If a person's size and speed of movement change, so does the detection distance.

ATTENTION:

When starting to use the sensor product for the first time, you need to pay attention to the following items:

1. The first power need to wait 30 seconds, stay away from the place where the sensor can detect. After the light has been automatically turned off, the human body enters the detection range of the sensor and moves in the normal direction of movement. The sensor can detect and control the load to start working.
2. For the adjustment methods of LUX, delay time and sensitivity, please refer to the contents in the diagrams of A, B, and C for operation.

When using this product, please adjust the sensitivity to the appropriate position you need. Do not adjust the sensitivity to the maximum, so as not to cause the product to not work normally due to wrong actions. Movement caused by small animals and interference from the power grid may cause the product to malfunction.

When the product cannot work normally, please try to reduce the sensitivity appropriately, and then test.

This manual is the content of the product programming, we will not notify you separately. It is strictly forbidden to copy the contents of the instruction manual for any other purpose without the permission of the company.