



ORTECH PNP-SENSOR Microwave Highbay Sensor Instructions

[Home](#) » [Ortech](#) » ORTECH PNP-SENSOR Microwave Highbay Sensor Instructions 

ORTECH PNP-SENSOR Microwave Highbay Sensor Instructions



Contents

- [1 APPLICATION NOTES](#)
- [2 Documents / Resources](#)
 - [2.1 References](#)
- [3 Related Posts](#)

APPLICATION NOTES

- Suitable for indoor application, half/completely outdoor environment conditions might be captured as moving signals to trigger the sensor
- Suitable for ceiling mount installation, adjust sensitivity properly if it's installed on side-wall because it gets more sensitive
- Adjust sensitivity properly when the sensor is applied in small/narrow/ metal-built/with metal spaces

- Microwave sensor can't be placed under/inside metal shell; Microwave module must directly face the detection area with edge lower than light fixture
- Keep the sensor away from vibration equipments, air-conditioning outlets, smoke extractors alike conditions to avoid unwanted trigger
- Keep the sensor module away from AC input and DC output to avoid high/low frequency signal interference
- At least 2m/6.5ft distance between microwave sensors; 1.5m/4.9ft between the sensor and other wireless devices such as routers to avoid possible radio interference
- Daylight testing delivered in bright day without shadow or specially designed lampshade or lens
- Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either
- Input power voltage must be stable with float less than 10%
- The first time powered ON sensor, light will be ON 100% for about 10S then dims to standby level or OFF
- Distance detection is delivered by testing person about 165cm in open area as reference, the result differs by size and speed of moving objects, mounting height and real-life situation



www.ortechindustries.ca



1.888.543.6473



13376 Comber Way, Surrey, BC V3W 5V9 205 Summerlea Road, Brampton, Ontario



info@ortechindustries.com



604.543.6473



Documents / Resources



[ORTECH PNP-SENSOR Microwave Highbay Sensor](#) [pdf] Instructions
 PNP-SENSOR Microwave Highbay Sensor, PNP-SENSOR, Microwave Highbay Sensor, Highbay Sensor

References

- [!\[\]\(6302aad5aed157b291fddf37b4870784_img.jpg\) Led Lighting, Electrical and Hvac Supplier Ortech Industries](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.