

# ECLYPSE™ Open-To-Wireless™ Adapter

EnOcean® Adapter for the  
ECLYPSE Connected Controller  
Series

ECLYPSE™



## Overview

The ECLYPSE Open-To-Wireless Adapter enables a unidirectional wireless communication between ECLYPSE controllers and wireless, battery-less sensors and switches operating on the EnOcean communication protocol.

## Features & Benefits

- For any application - Variety of EnOcean wireless battery-less sensors and switches, such as, for example: temperature, humidity and air quality sensors, door/window contact sensors, light and blind switches, hotel card readers, etc.
- Space re-configuration - Quick and low-cost relocation of sensors and switches when room configuration or floor plans change
- Lower Installation Costs - Eliminate expenses for wiring plans, wire and conduit installation, electrical installation, retrofit repairs, and other associated labor costs
- Comfort in any environment - Ideal for spaces where sensor placement can be difficult, such as glass atriums, or in large open spaces with localized needs, such as office cubicles

# Product Specifications

## Power Supply Input

Power Source	USB powered
Power Consumption	2.5W / 5VA

## Communications

Communication Protocol	EnOcean
Communication Frequency	868MHz, 902MHz and 928MHz

### For 868MHz model only:

Center Frequency	868.3MHz
Occupied Frequency Band	868.0-868.6MHz
Maximum Transmission Power	3 dBm

### For 902MHz model only:

Center Frequency	902.875MHz
Occupied Frequency Band	902.7-903.0MHz
Maximum Transmission Power	1 dBm

### For 928MHz model only:

Center Frequency	928.35MHz
Occupied Frequency Band	928.2-928.5MHz
Maximum Transmission Power	0 dBm

## Hardware

Connector	USB Type A plug
Cable length	6 feet (1.83m)

## Mechanical

Dimensions (W × diameter)	3.94 × Ø 1.61" (100 × Ø 40 mm)
Shipping Weight	0.4lbs (0.18kg)
Enclosure Material <sup>1</sup>	FR/ABS
Enclosure Rating	Plastic housing, UL94-V0 flammability rating

1. All materials and manufacturing processes comply with the RoHS directive and are marked according to the Waste Electrical and Electronic Equipment (WEEE) directive

## Installation Options

### Mounting Bracket (hardware supplied)

Dimensions (H × W × D)	1.82 H × 3.15 W × 1.58" D (46.15 × 80.00 × 40.13 mm)
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Mounting Screw Hole Diameter	0.15" Ø (3.80 mm)
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### Floating Ceiling Panel/Tile (hardware supplied)

Flange Diameter	Ø 2.95" (75 mm)
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Mounting Hole Diameter	Ø 1-7/8" (48 mm)
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### Electrical Panel

Hole Diameter	¾-inch NPT electrical panel knockout
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### Flat Surface

Hole Diameter	Nominal Ø1.115" (26.9 to 32.5mm) hole size
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## Environmental

Operating Temperature	32°F to 107.6°F (0°C to 45°C)
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Storage Temperature	14°F to 149°F (-10°C to 65°C)
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Relative Humidity	15 to 90% Non-condensing
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Ingress Protection Rating	IP20
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Nema Rating	1
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## Standards and Regulations

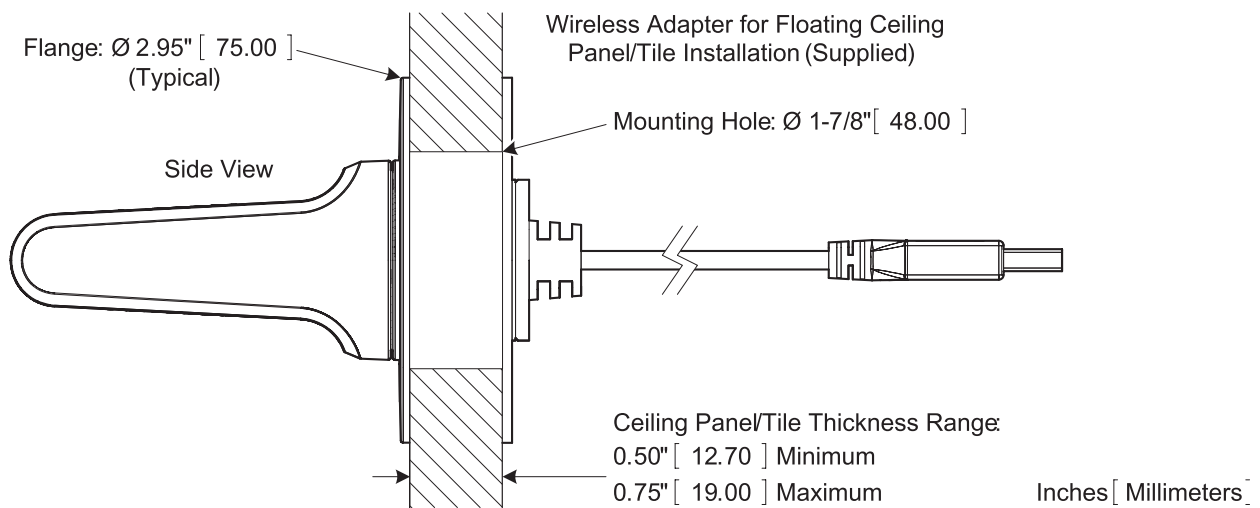
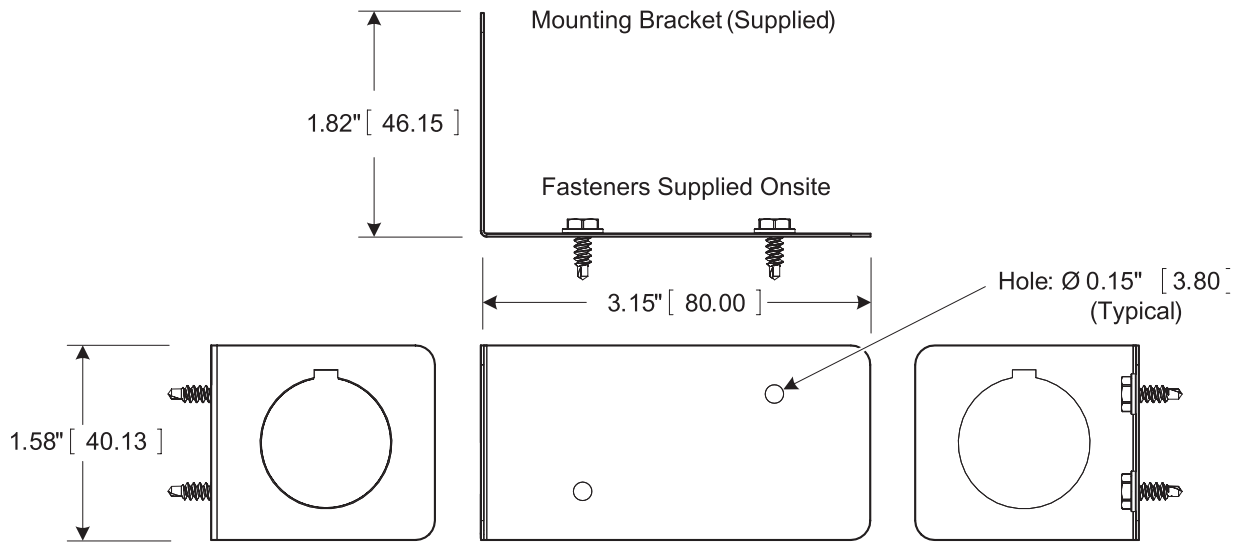
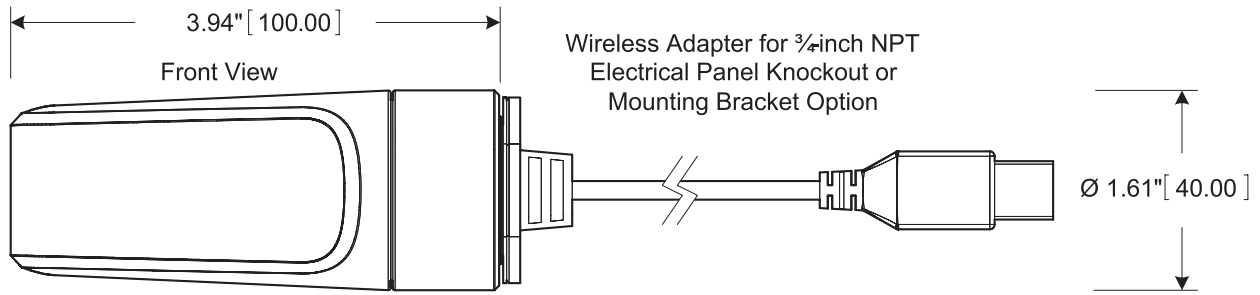
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Global Head Office - 4205 place de Java, Brossard, QC, Canada, J4Y 0C4 - EU Head Office - ZAC de Sacuny, 558 avenue Marcel Mériex, 69530 Brignais, France