EnOcean Gateway

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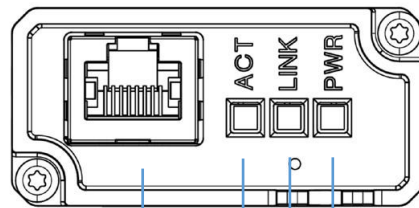**RJ45 Connector for PoE input over CAT5e (PoE rated)/CAT6/CAT6A**

Link Speed Indication – Active when operating speed is 100Mbps

Link Activity Indicator – Blinks when detecting activity on the network

Power Indicator LED

Order No.	Description
1809933001	EnOcean Gateway, 902MHz NA, White Metal
1809933002	EnOcean Gateway, 868MHz EU, White Metal

INSTALLATION INSTRUCTIONS

1.   CAUTION AND WARNING:

- **CAUTION** – Observe precautions for handling electrostatic sensitive devices.

- **WARRANTY** – Voided if device has been modified from its original configuration or in the event of hot plug/hot swap.

- **WARNING** – Risk of Electric Shock. Do not handle energized module with wet hands or when standing on wet or damp surfaces.

- **DO NOT** DISASSEMBLE THE ENOCEAN GATEWAY

- **DO NOT** use outdoors.

- Use only with Class 2 Power Unit – 60VDC maximum.

- Suitable for damp locations.

- Maximum ambient temperature of 40°C.

- Avoid installation near metallic items/surfaces, as these may interfere with wireless communication.

- Installation location is recommended to be accessible for future troubleshooting.

- This product should only be serviced by a CoreSync Certified Technician.

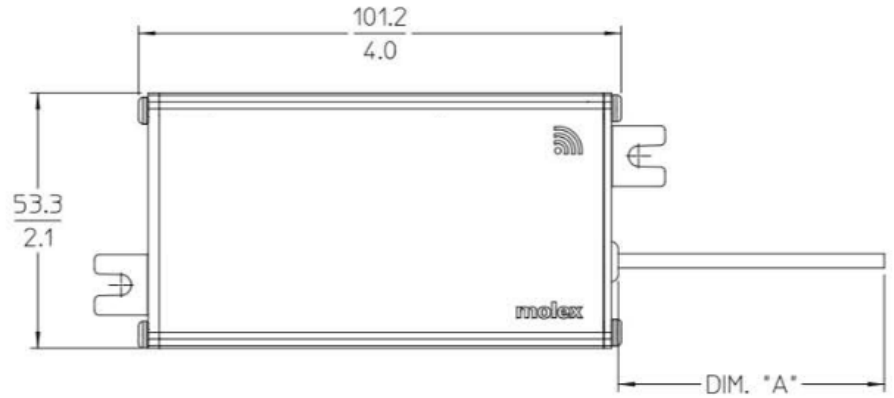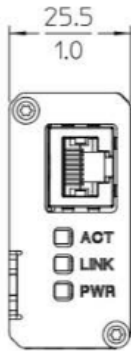- UL60950-1 listed, CE, FCC standards.

GATEWAY MUST BE INSTALLED BY A CORESYNC CERTIFIED TECHNICIAN AND QUALIFIED ELECTRICIAN
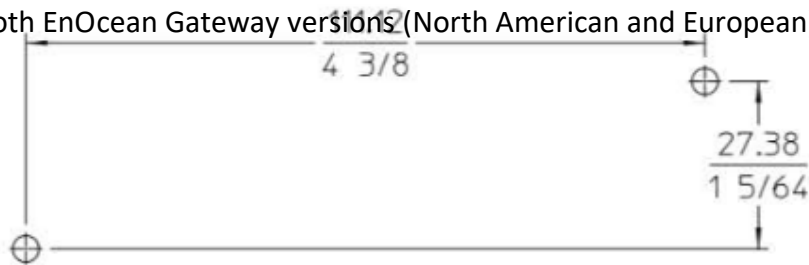(CHECK WITH LOCAL AND NATIONAL CODES FOR PROPER INSTALLATION)

2.   PROCEDURES:

Step 1: Refer to the dimensions and mounting patterns below to mount the EnOcean Gateway.

Dimensions for EnOcean Gateway:

Part Number	DIM "A"
180993-3001	50.8mm / 2.0"
180993-3002	69.8mm / 2.75"

Mounting pattern for both EnOcean Gateway versions (North American and European):

MOUNTING HOLE LOCATION
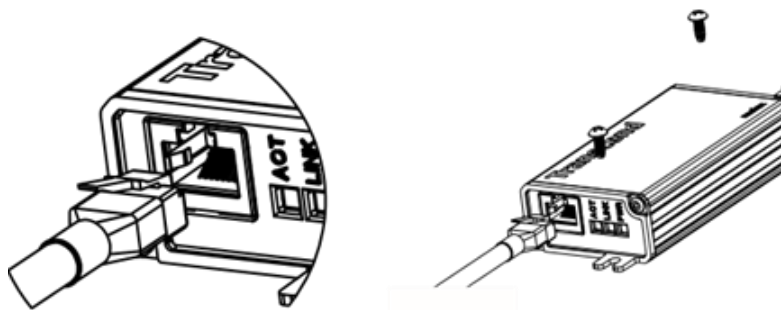HOLES FOR AN #8-32 SELF TAPPING SCREW

Step 2. Use two #8 self-tapping screws to mount the PoE Gateway as shown (*screws not provided*).

The main factors that influence the system transmission range are the location of the antennas of the receiver and the transmitter, type of terrain and degree of obstruction of the link path, sources of interference affecting the receiver, and "dead" spots caused by signal reflections from nearby conductive objects.
Orient the antenna so it faces the sensor or actuator. Approximate maximum range is 50 feet with no obstructions (open air, line of sight). Caution: Do NOT place two transmitters within 5 feet of each other or of other wireless devices.

ENOCEAN GATEWAY

Step 3. On the front top side of the PoE Gateway connect the PoE CAT cable until you hear a "CLICK". Use a UTP (unshielded twisted pair) CAT5E (PoE rated), CAT6, or CAT6A cable*. The maximum length of cable should not exceed 100 meters. 90 meters or less is recommended.

Please note the Power LED indicator will turn on once you have power. The LINK and ACTIVE indicators will blink on and off rapidly once you have network connection.

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