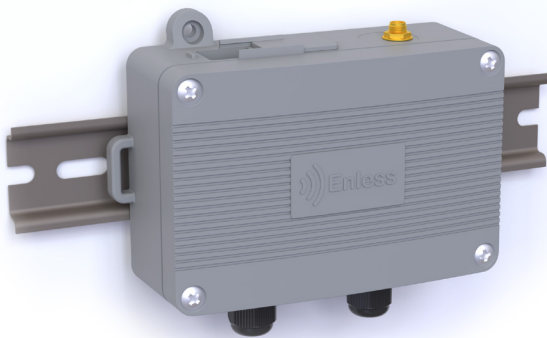# LoRa Receivers (Enless LoRa mode)
## BACnet Receiver - IP & MSTP

RX BACNET 500-512

ASHRAE BACnet™

- ○ Can handle 50 Enless sensors
- ○ Converts data into BACnet objects
- ○ BACnet IP and MSTP communication
- ○ Simplifies Enless sensor integration into BMS
- ○ Power supply 7.5 - 24VDC

## ▬ Technical Specifications

| Physical Characteristics | |
| --- | --- |
| Protection rating | NEMA 2 / IP60 |
| Mounting | Wall / Clamp / DIN Rail |
| Operating temperature | -20 / +55°C |
| Operating relative humidity | 20-80% (non-condensing) |
| Operating altitude | < 2000m |
| Power supply | External<br>7.5 to 24VDC 1A Max (typ. 12V 1A) |

| Radio | |
| --- | --- |
| Radio antenna | Antenna not provided (SMA connector)<br>Use of ANT REN SMA LR 1000-008 antenna recommended |
| Supported protocol | Enless LoRa mode |
| Frequency | US915 |

## Configuration

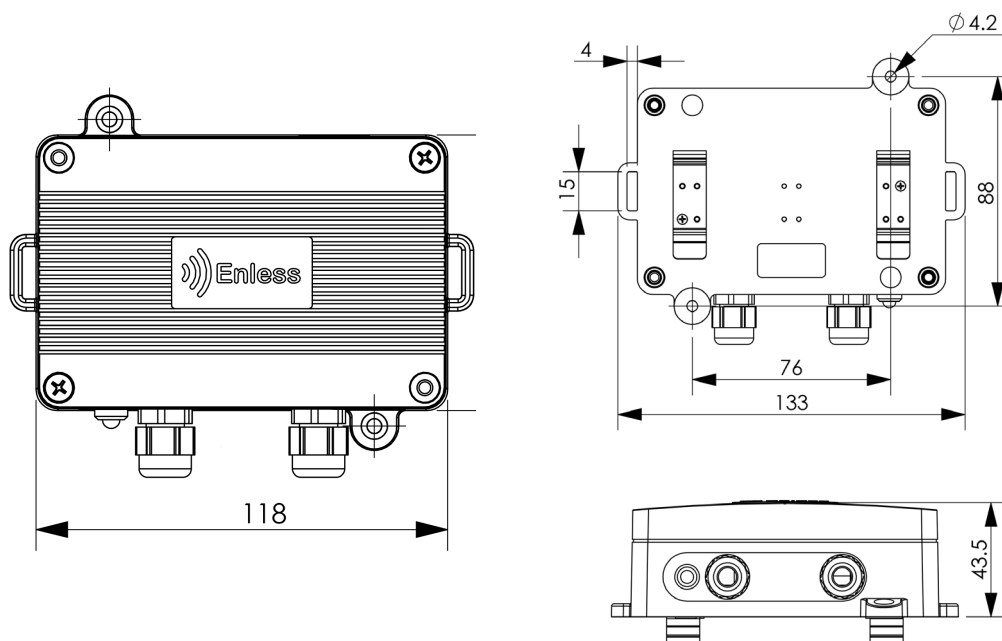| | |
|---|---|
| Receiver server | Sensor pairing<br>RSSI level analysis<br>Choice of usage mode (Device mode vs Object mode) |
| BACnet | Possible sensor configuration from the BACnet objects of the receiver (in Object mode) |

## Communication with the BMS

| BACnet | |
|---|---|
| Receiver BACnet profile | B-ASC |
| Connection | IP or MSTP |
| Device mode | One BACnet device per paired sensor to the receiver |
| Object mode | Single BACnet device for all sensors |

## ▬ Certifications

CE  FC  🍁 Innovation, Science and Economic Development Canada

## ▬ Dimensions (mm)



DTM98-a