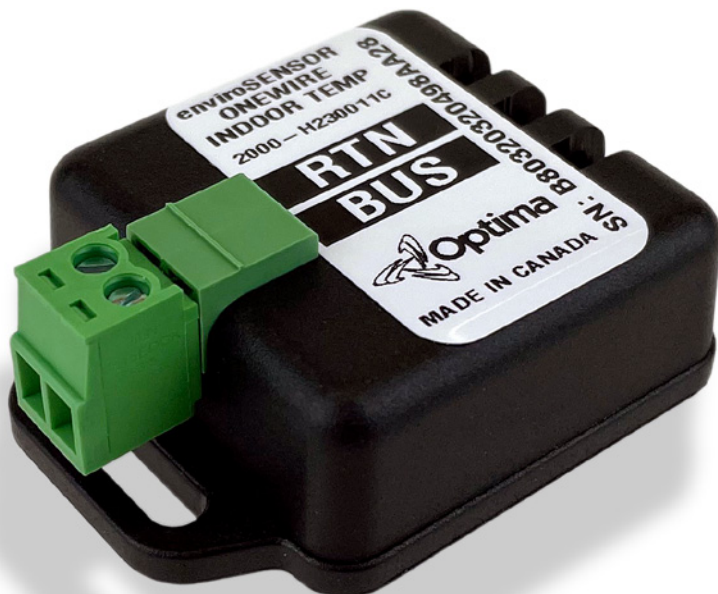# enviroSENSOR™

*Optima*

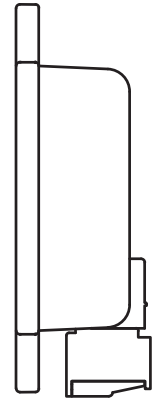# High Accuracy
# Indoor Temperature Sensor

**Optima**

Optima's enviroSENSOR OneWire Indoor Temperature Sensor is a small, easy to deploy sensor.

Operating on a unique digital single pair bus, it supports daisy chaining. This allows the installation of multiple sensors even in demanding applications.

Compatible with a variety of Optima controllers. Can be set to alarm on any temperature threshold within the operating range.

## PHYSICAL

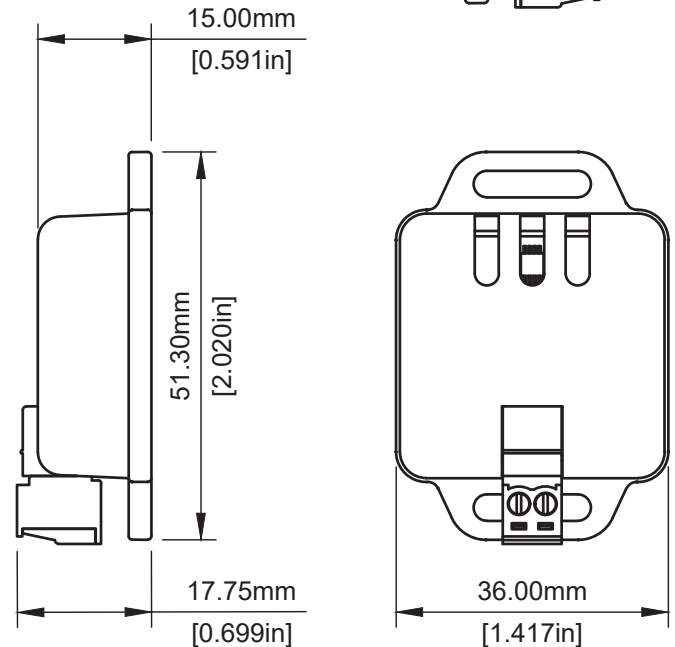| | |
|---|---|
| Size (HxWxD) | 17.75 mm x 36.00 mm x 51.30 mm<br>(0.699" x 1.417" x 2.020") |
| Weight | 13.5 g (0.03 lbs) |
| Mounting | rack-mount, table top/shelf mounting, wall mounting |
| Housing | Black ABS |

## ENVIRONMENTAL

| | |
|---|---|
| Temperature | -55 °C to +125 °C (-67 °F to +257 °F) |
| Humidity | Up to 80% relative humidity (non-condensing) |

## SENSOR

| | |
|---|---|
| Temperature Range | -55 °C to +125 °C (-67 °F to +257 °F) |
| Accuracy | ±0.5 °C from -10 °C to +85 °C |
| Resolution | 0.0625 °C |

## INTERFACE

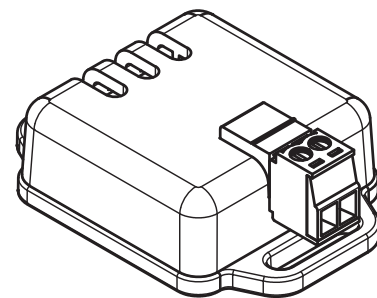| | |
|---|---|
| Connector | Removable 2 Position 3.5 mm Screw Terminal Plug |
| Recommended Wiring | 22 to 24 AWG (0.33 mm$^2$ to 0.20 mm$^2$) CAT3 or CAT5 cable |
| Identification | Unique 64-bit Serial Number |

## COMPATIBILITY

| | |
|---|---|
| Controllers | Optima T:LAN, Optima RIO1608R8S4, Optima RIO xR3 and others |

## ORDERING INFORMATION

| | |
|---|---|
| 2000-H230011C | enviroSENSOR |

15.00mm
[0.591in]

51.30mm
[2.020in]

17.75mm
[0.699in]

36.00mm
[1.417in]

Optima®

4000-B940003B                                                      Printed in Canada