



## FEATURES



External to device, with aluminium casing. This means that temperature changes are quickly detected by the sensor, rather than being delayed propagating through a sealed housing.



Can be easily given one of two I<sup>2</sup>C sensor addresses via address line - so a maximum of 2 can be used per device.



Can be buried in a pallet, ice box etc.

# I<sup>2</sup>C Temperature Probe

## OVERVIEW

2m Long 'bullet style' temperature sensor. Perfect for use with our sensor devices like the Falcon or SensorNode LoRaWAN®.

## COMPATIBLE DEVICES



Falcon



Eagle



SensorNode Bluetooth®



SensorNode LoRaWAN®



SensorData LoRaWAN®

## **SENSOR ACCURACY**

Operating range: -55°C to + 60°C (sensor and cabling)

Accuracy (approx):

± 0.25°C from 0°C to + 60°C

± 0.5°C from -20°C to +0°C

± 1°C from -55°C to +-20°C

## **CABLE LENGTH**

2m

## **DIMENSIONS**

Aluminium cap:

Length = 35mm

Diameter = 9mm

## **CHIPSET**

Texas Instruments TMP75

## **PIN OUT**

RED: Positive, connect to 3.3V

BROWN: Clock, connect to SCL

ORANGE: Data, connect to SDA

BLACK: Ground, connect to GND

GREEN: Address selection:

Allows a device to support 2 sensors

Connect green to GND to configure as 'sensor 1'

Connect green to 3.3V to configure as 'sensor 2'

## **COMPATIBLE DEVICES**

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Eagle

SensorNode Bluetooth®

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## **RESOURCES**

[Click here for Supported Sensors and Inputs](#)

[Click here for Cold Chain Monitoring](#)



# **I<sup>2</sup>C Temperature Probe**