Adafruit BME280 Library Documentation

Release 1.0

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Contents

I2C and SPI driver for the Bosch BME280 Temperature, Humidity, and Barometric Pressure sensor

CHAPTER 1

Dependencies

This driver depends on:

- Adafruit CircuitPython
- Bus Device

Please ensure all dependencies are available on the CircuitPython filesystem. This is easily achieved by downloading the Adafruit library and driver bundle.

CHAPTER 2

Usage Example

CHAPTER 3

Contributing

Contributions are welcome! Please read our Code of Conduct before contributing to help this project stay welcoming.

CHAPTER 4

API Reference

4.1 adafruit_bme280

CircuitPython driver from BME280 Temperature, Humidity and Barometic Pressure sensor

- Author(s): ladyada

class adafruit_bme280.**Adafruit_BME280**

Driver from BME280 Temperature, Humidity and Barometic Pressure sensor

altitude

The altitude based on current *pressure* versus the sea level pressure (*seaLevelhPa*) - which you must enter ahead of time)

humidity

The relative humidity in RH %

pressure

The compensated pressure in hectoPascals.

seaLevelhPa = None

Pressure in hectoPascals at sea level. Used to calibrate *altitude*.

temperature

The compensated temperature in degrees celsius.

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