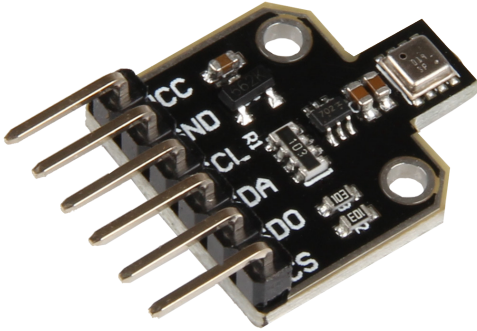


BME680

Environmental sensor for pressure, temperature, humidity and air quality



The BME680 is the new, compact ambient sensor with integrated sensor technology for humidity, pressure, temperature and air quality.

Las interfaces digitales I2C y SPI también permiten una lectura sencilla y rápida de los valores medidos.

KEY FEATURES

| | |
|--------------------|-----------------------|
| Digital Interfaces | I2C, SPI |
| Operating Voltage | 3-5V |
| Compatible to | Arduino, Raspberry Pi |
| Dimensions | 30 x 14 x 10mm |
| Weight | 10g |
| Scope of delivery | BME680 Sensor |

HUMIDITY SENSOR

| | |
|--------------------|--------|
| Response time | 8s |
| Accuracy tolerance | ± 3% |
| Hysteresis | ≤ 1.5% |

PRESSURE SENSOR

| | |
|-------------------|----------------|
| Pressure range | 300 - 1100 hPa |
| Relative accuracy | ± 0.12 hPa |
| Absolute accuracy | ± 1 hPa |

TEMPERATURE SENSOR

| | |
|-----------------|--------------|
| Operating range | -40°C - 85°C |
| Full accuracy | 0°C - 65°C |

AIR QUALITY SENSOR

| | |
|---------------|----|
| Response time | 1s |
|---------------|----|

ADDITIONAL INFORMATIONS

| | |
|-------------|---------------|
| Article No. | SEN-BME680 |
| EAN | 4250236817972 |