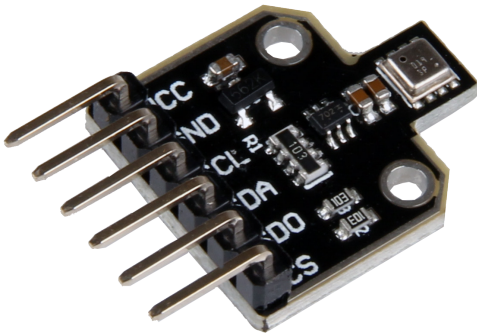


BME680

Environmental sensor for pressure, temperature, humidity and air quality



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

The I2C and SPI digital interfaces also enable simple and fast readout of the Measured values.

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
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ADDITIONAL INFORMATIONS

Article No.	SEN-BME680
EAN	4250236817972