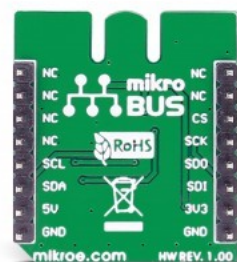


## Weather Click



PID: MIKROE-1978

**Weather Click** is a compact add-on board that contains an integrated environmental sensor. This board features the [BME280](#), a combined humidity and pressure sensor from [Bosch Sensortec](#). Besides humidity and barometric pressure, the sensor can also measure the temperature. The altitude can be calculated using pressure value, but only if you know the hPa pressure at sea level for your location and day. This Click board™ makes the perfect solution for the development of hand-held devices, navigation systems, watches, home weather stations, home automation control units, and more.

Weather Click is supported by a [mikroSDK](#) compliant library, which includes functions that simplify software development. This [Click board™](#) comes as a fully tested product, ready to be used on a system equipped with the [mikroBUS™](#) socket.

Mikroe produces entire development toolchains for all major microcontroller architectures.

Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.



ISO 27001: 2013 certification of informational security management system.  
ISO 14001: 2015 certification of environmental management system.  
OHSAS 18001: 2008 certification of occupational health and safety management system.



ISO 9001: 2015 certification of quality management system (QMS).

## Specifications

Type	Environmental
Applications	Can be used for the development of hand-held devices, navigation systems, watches, home weather stations, home automation control units, and more
On-board modules	BME280 - combined humidity and pressure sensor from Bosch Sensortec
Key Features	Humidity sensor measuring relative humidity, barometric pressure and ambient temperature, low power consumption, high accuracy, long-term stability, fast response time, and more
Interface	I2C,SPI
ClickID	Manifest,No
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Input Voltage	3.3V

## Resources

[mikroBUS™](#)

[Click board™ Catalog](#)

[Click Boards™](#)

## Downloads

[Weather click example on Libstock](#)

[Weather click schematic](#)

[BME280 datasheet](#)

[Weather click 2D and 3D files](#)

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