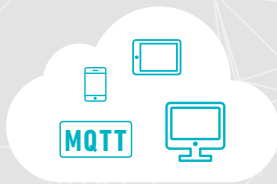


# Measure2go Sensor Interface

## Blue RTD



Monitors any external RTD  
PT100/PT1000 temperature probe  
from anywhere.



### Cloud portal

Measure remotely via  
Measure2go Sensor Gateway  
to the cloud.

**Plug and measure**  
Simply connect your  
RTD PT100/PT1000 probes and  
monitor wirelessly



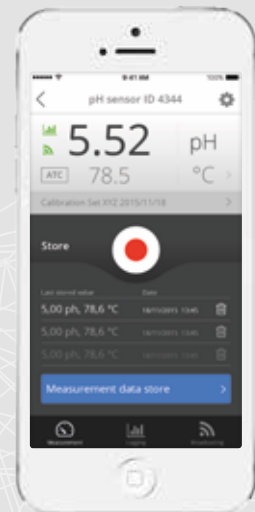
Bluetooth  
low energy



Battery  
powered



Data logger  
integrated



### Sensor app

Measure locally with  
your smartphone.



Any sensor. Anywhere.

**Measure2go**

## Product features

### Wireless via Bluetooth Low Energy

This wireless communication standard is exceptionally suited for ultra low-power applications. This implies a long life time and an easy, uncomplicated install.

### Android and IOS application

Smart and easy access to the Blue RTD via our Android and iOS app. Configuration, calibration and local data monitoring – just in your hand.

### PT100/PT1000 temperature sensor probes

A standard screw terminal allows the connection of PT100/PT1000 probes of different brands, thus being flexible to individual environmental needs.

### Data logging

Measured data can be uploaded to the cloud, monitored and stored locally on a mobile device – or even on the Blue RTD itself. So data is available – always, anywhere.

### Long life battery

Depending on the sample rate battery life can be extended up to two years.

### Waterproof

Industrial casing for rugged industrial environments: Optionally available waterproof in IP65 – or moulded for even more demanding requirements.

### Instant Measure2go Sensor Gateway connect

Blue RTD sends data to the Measure2go Sensor Gateway that will be logged to the cloud. Monitor your data from wherever you are!

## Specifications

Bluetooth standard	Bluetooth Low Energy 4.0
Bluetooth range	Up to 50 meter
RTD range	-200 to 250 °C
Temperature resolution	0,1 °C
Temperature accuracy	+/- 0.5 °C
Temperature sensor type	External PT100, PT1000
Temperature sensor current	PT100 – 1 mA PT1000 – 300 µA
Connection method	2 or 4 wire
Log memory	128 kByte
Battery powered	3 V (CR2477N)
Battery life	Over 2 years
Operating temperature	-40 to 85 °C
Protection class	IP65
Dimensions	58 x 64 x 34 mm

### Measure2go is a brand of *taskit*.

The company *taskit* has been developing, manufacturing and supplying electronic modules, devices and systems since 1988. Engineering companies and renowned corporations have been placing their trust in our expertise and quality for ready-made devices and system-wide individual solutions in hardware and software. We deliver our products around the world.

### Measure2go

A brand of *taskit* GmbH  
Groß-Berliner Damm 37  
12487 Berlin, Germany  
Phone +49 (0)30 611295 0  
Fax +49 (0)30 611295 10  
contact@measure2go.com  
www.measure2go.com