



# WTM

WIRELESS TEMPERATURE MEASUREMENT

WIRELESS TECHNOLOGY



COMPACT SIZE



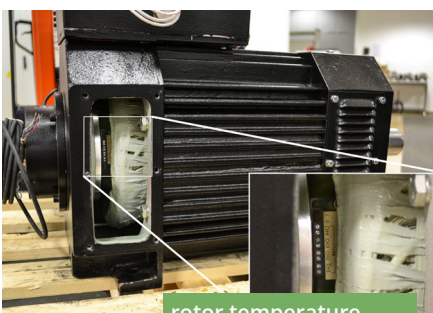
EASY INSTALLATION



## KEY FEATURES

The main advantage of this measuring module is its high robustness combined with compact size. Thanks to this, you can implement it into really confined spaces. In particular, its task is to measure the temperature, optionally it can also be equipped with an input for current measurement using a LEM current transducer. By connecting the Pt100 resistance temperature sensor, you will get a complete measurement chain.

- Wireless measurement technology is easy to apply anywhere
- Variable adjustment options – input for current measurement, optional number of channels
- Easy remote operation thanks to its own intuitive application



rotor temperature



combustion engine monitoring

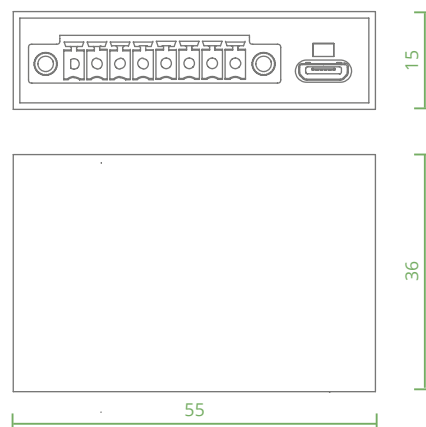
## APPLICATION



The Wireless Temperature Measurement (WTM) module is designed for measurements in applications with significant spatial limitations. However, in spite of its small size, it produces high-level results even in environments with strong electromagnetic interference. The module can be customized in the case of insufficient number of channels or if the input for current measurement is required.

- It measures the temperature using the Pt100 sensors
- It is really small, lightweight and robust
- Optionally, it can be equipped with an input for current measurement using the LEM transducer

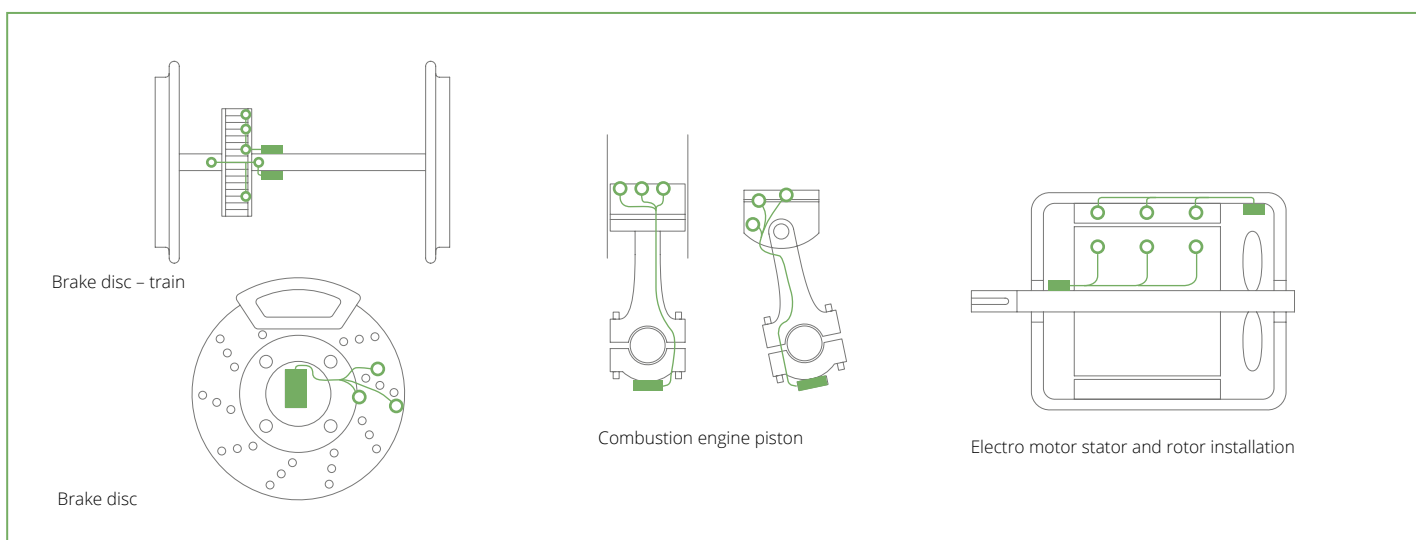
Pt100 temperature sensors represent the current standard in temperature measurement, are available in many sizes and designs at an affordable price. You can easily get valuable information on temperature, e.g. on moving parts of your machines.



1 Plug connector for screw terminal block.

2 Micro USB connector for charging the internal battery.

## APPLICATION EXAMPLES



## SPECIFICATION

Measurement inputs	4 channels
Sensor type	Pt100 (2 wires connection)
Temperature measurement	-25–200 °C
Sampling period	1 sec to 30 min
Internal temperature sensor	yes
Radio signal range	up to 20 m
Weight	45 g
Degree of protection	IP50
Max. continuous acceleration	1000 g
Operating temperature	-10–60 °C
Power source	internal accumulator, charging via micro USB