



# WTCM

WIRELESS THERMO COUPLE  
MEASUREMENT

WIRELESS  
TECHNOLOGY



ROBUSTNESS



EASY  
INSTALLATION



## KEY FEATURES

Wireless temperature measurement module with high thermal resistance. Thanks to its robust construction, it is designed for implementation under very demanding conditions. You can measure temperatures efficiently and simply even in the places where it has not been possible so far. By connecting any type of thermocouple, you will immediately get a complete measurement chain.

- Wireless measurement technology is easy to apply anywhere
- Enhanced robustness allows for the use under the most demanding conditions
- Easy remote operation thanks to its own intuitive application

## APPLICATION

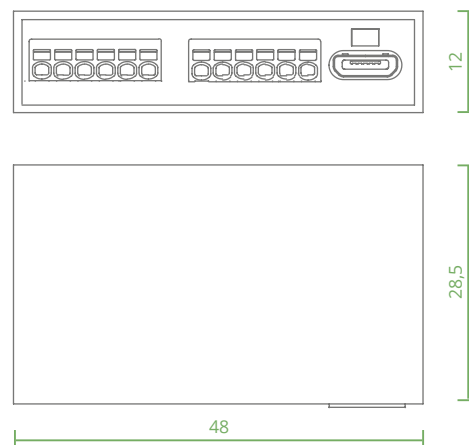


TEMPERATURE  
MEASUREMENT

WTCM (Wireless Thermo Couple Measurement) is specifically developed for accurate temperature measurement even in the most demanding environments. Wireless transmission allows you to install the module close to the measurement point without worrying about cabling. With high reliability, you always have detailed overviews of temperature changes in the environment that is important to you.

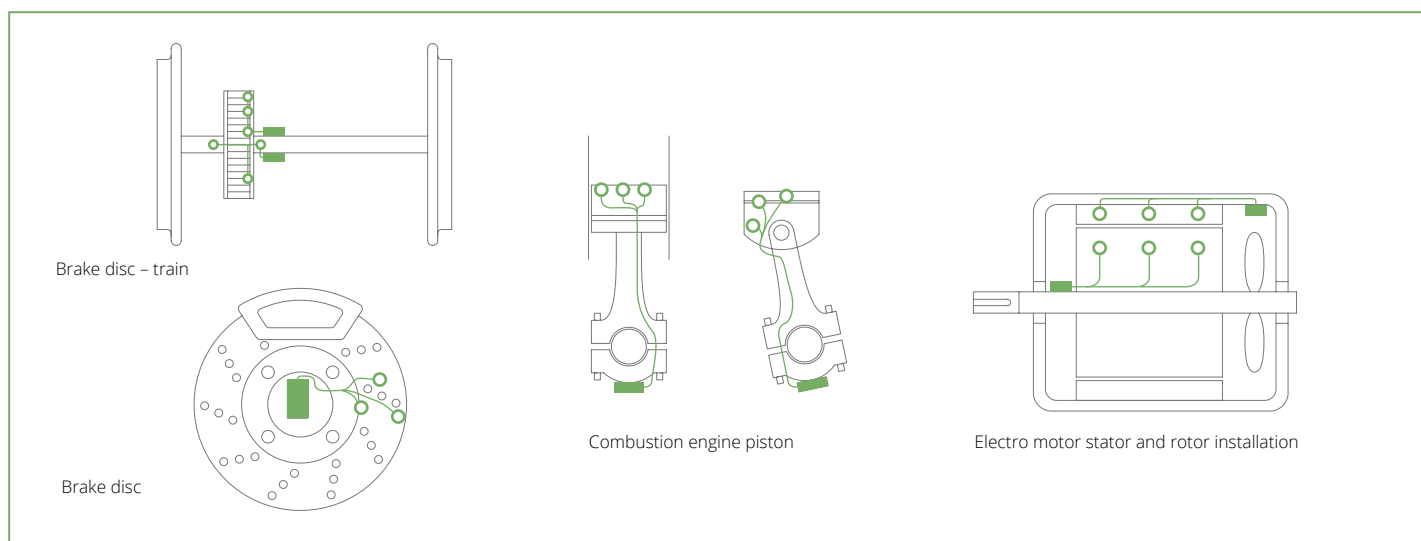
- Measures temperature using J, K, T, E thermocouple sensors
- The basic module can operate up to 85 °C

Up to 6 thermocouple sensors can be connected to the module. Integrated rechargeable battery and small dimensions make it suitable for long-term trouble-free operation even in confined spaces. Reinforced construction of the module is able to withstand acceleration up to 1000 g.



- 1 J, K, T, E thermocouple connectors
- 2 Micro USB connector to charge the internal battery

## APPLICATION EXAMPLES



## SPECIFICATION

Thermocouple inputs for J,K,T,E	6 channels
Sampling period	1 sec to 30 min
Internal temperature sensor	yes
Radio signal range	up to 20 m
Weight	40 g
Degree of protection	IP50
Max. continuous acceleration	1000 g
Operating temperature	-10-85 °C
Power source	internal accumulator, charging via micro USB