

# TCM SENSOR T

## powered by 5 V DC

### DESCRIPTION

The TCM SENSOR T device allows for reading from 1 to 5 temperature sensors. Device has GSM module with GSM antenna and SIM Card included. TCM Sensor T does not require additional configuration. As an addition, device comes with built-in temperature sensor.

### FEATURES

#### Ease of use

Device will automatically detect connected temperature sensors which will be available on Innovation Energy platform. Using this platform will allow you to add another sensor by triggering detection function in the device.

#### Innovation Energy Platform

Innovation Energy platform allows for fast access to current temperature measurements and to analyse that data from any place. When temperature measured exceed set limits, you will get notification.

#### Data storage and transmission

In case of losing GSM connection all data is secured in device non-volatile memory. Data will be resend automatically as soon as possible. Device has built-in GSM module with SIM card.

#### Automatic time synchronization

Device will automatically synchronize its RTC clock to be same as server. This will ensure mutual time base for measurement from all sources.

PARAMETER	VALUE
Supply Voltage	5 V DC $\pm 5\%$
Max Current	1,2 A
Max sensor count	5
Max bus length	to 60 m*
Resolution	0,1 °C
Accuracy	$\pm 0,5$ °C From -10 °C to 85 °C
Measure range	From -55 °C to 125 °C
Operating temperature	From -5 °C to 50 °C
Dimension	120 x 98 x 46 mm
Case protection class	IP54
Weight	140 g

\* lenght is dependent on topology and type of cable

