WIRELESS SENSORS TECHNOLOGY

PT100 TEMPERATURE HEAD TRANSMITTER THP101

INSTALLATION GUIDE

IG_INHD_THP101_E02A

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PT100 TEMPERATURE HEAD TRANSMITTER THP101

INSTALLATION GUIDE

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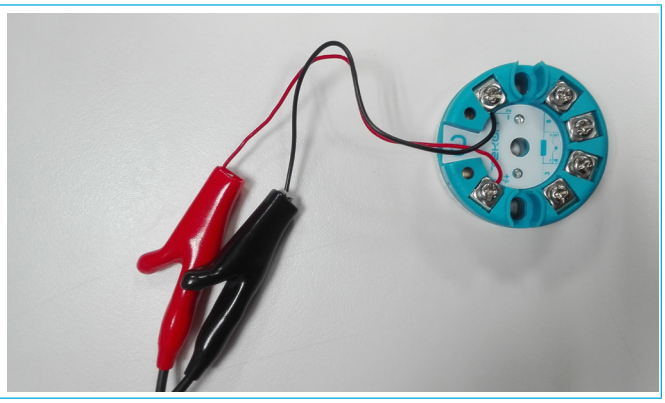
CONNECT AND CONFIGURE THP101 TEMPERATURE HEAD TRANSMITTER

DOWNLOAD AND INSTALL *"TEKON CONFIGURATOR"* FREE SOFTWARE FROM TEKON ELECTRONICS WEBSITE

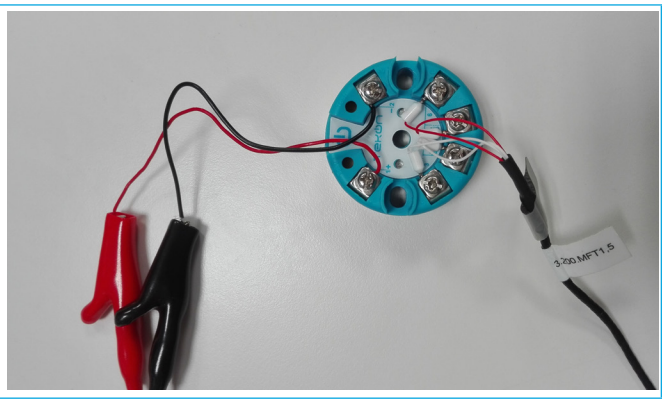
01

Connect the THP101 transmitter to the SARC2 cable configurator.



02

Connect the PT100 probe to the THP101 transmitter.



03

Connect the SARC2 configurator cable to the computer.

04

Open Tekon Configurator software.

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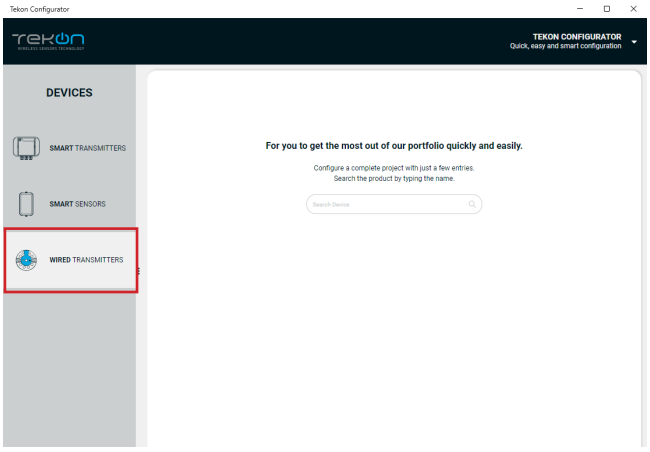
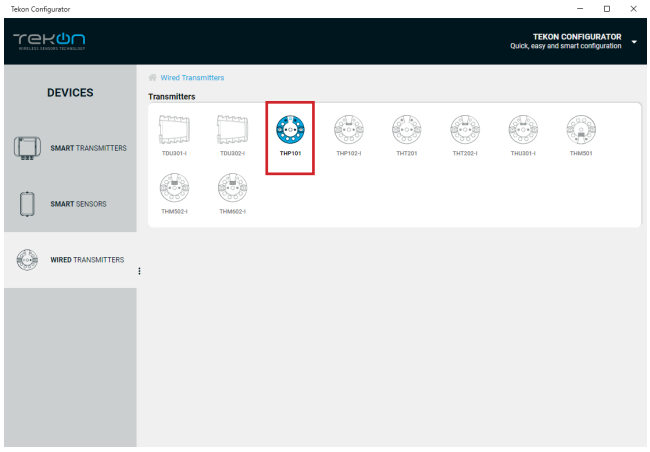
05

Open the THP101 device page.

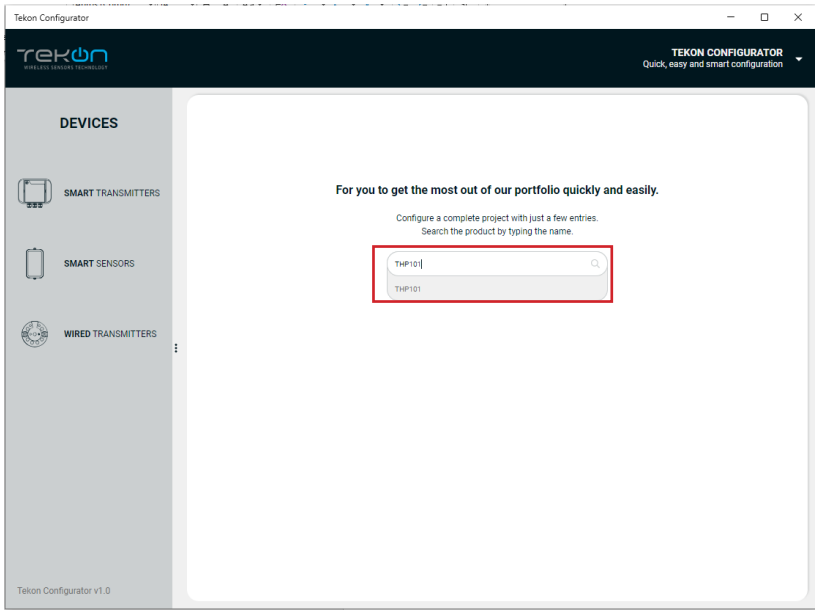
You can enter the device's page in the following ways:

1st option: Click on *"WIRED TRANSMITTERS"* in the left menu and then click on the device.





2nd option: Type the name of the device in the *"Search Device"* field on the home page and select.



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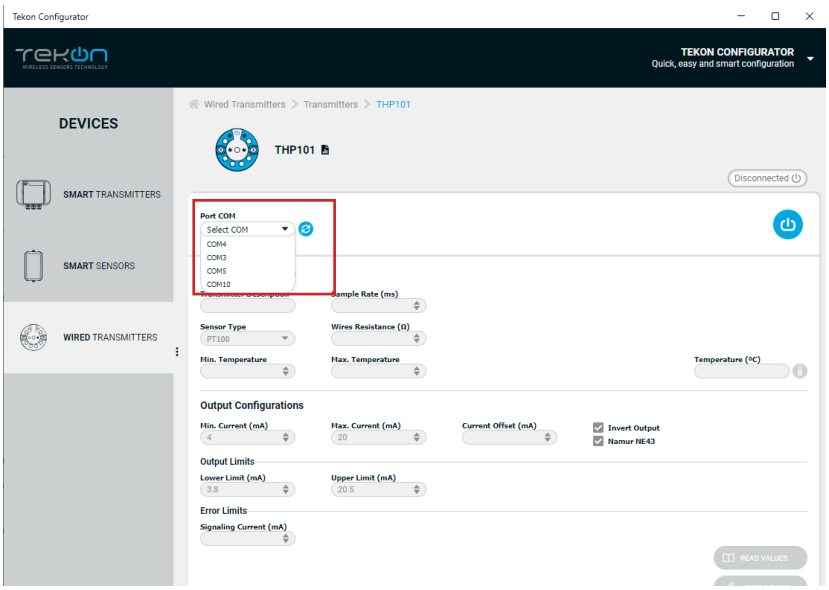
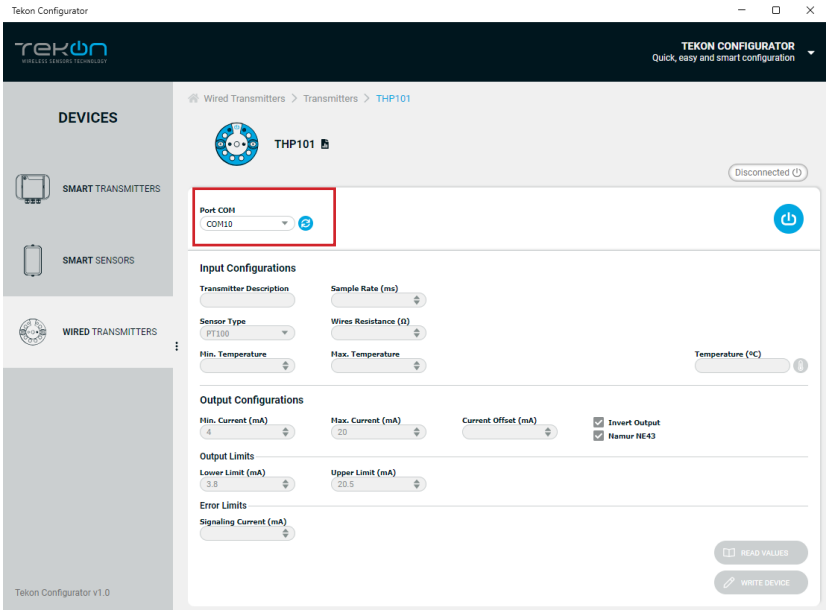
06 Load the “Port COM” corresponding to the THP101.



NOTE:
If the USB cable has already been connected before opening the device page, “Port COM” will appear in the list, otherwise you need to click on the “ ” button.

07 Select corresponding *Port COM*[2].



[2] You can check device’s serial port name in “Device Manager” on Microsoft ® Windows® operating system.

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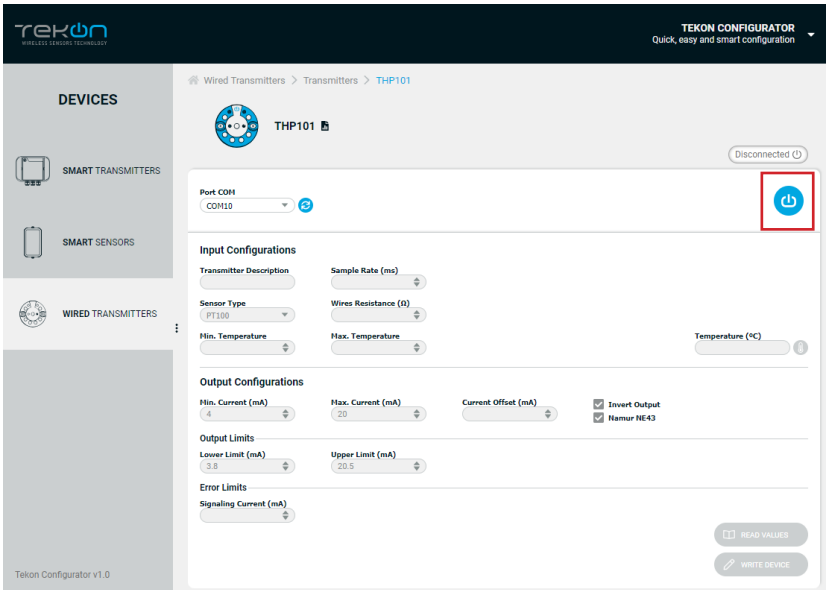
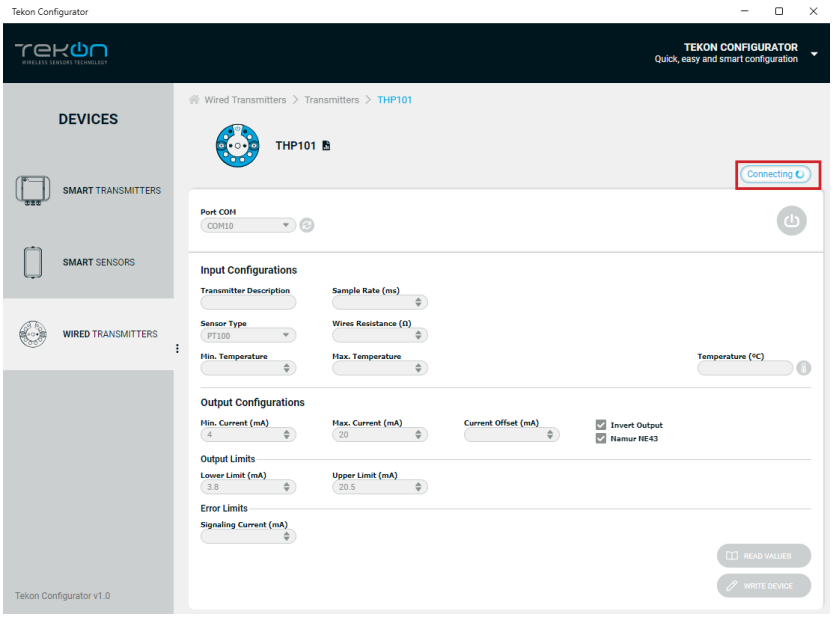
08

Click on *Connect* (⏻) button.



NOTE:
For security reasons, it is only allowed to change the settings during the first 60 seconds after power up.

The software will connect to the device.



NOTE:
If the software is unable to connect to the device, the Connection Failed status is displayed. If it hasn't connected, go back to the previous steps and check the port COM.

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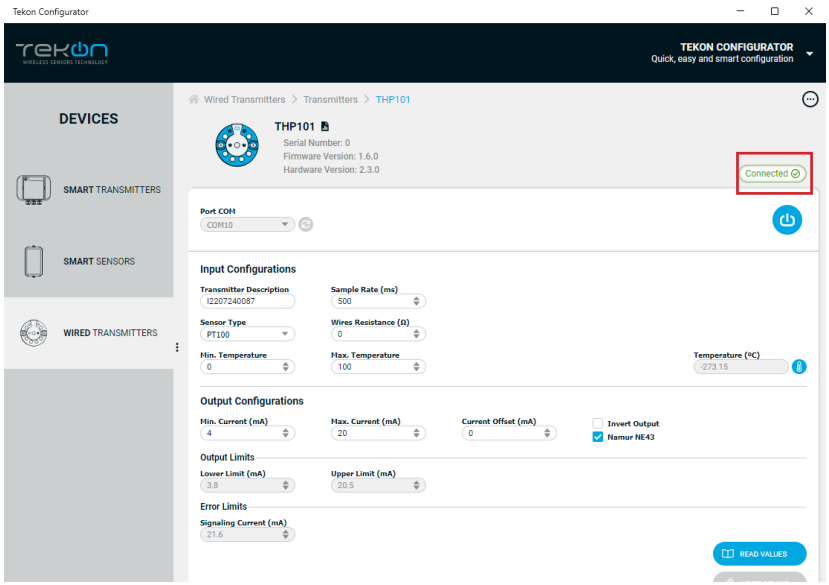
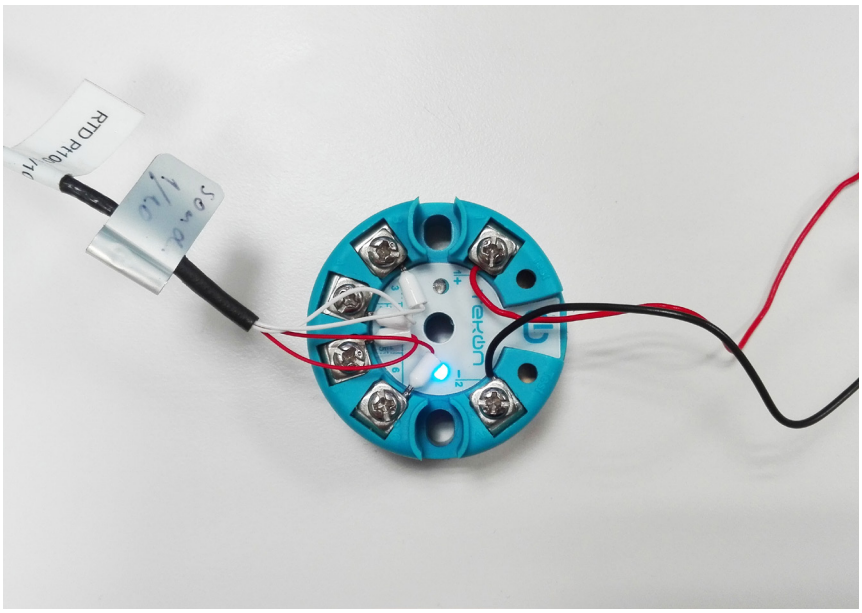
09

When the software connects to the device, the "*Connected*" message will be displayed.



10

While the THP101 transmitter it is in configuration mode, the blue led will flash continuously.



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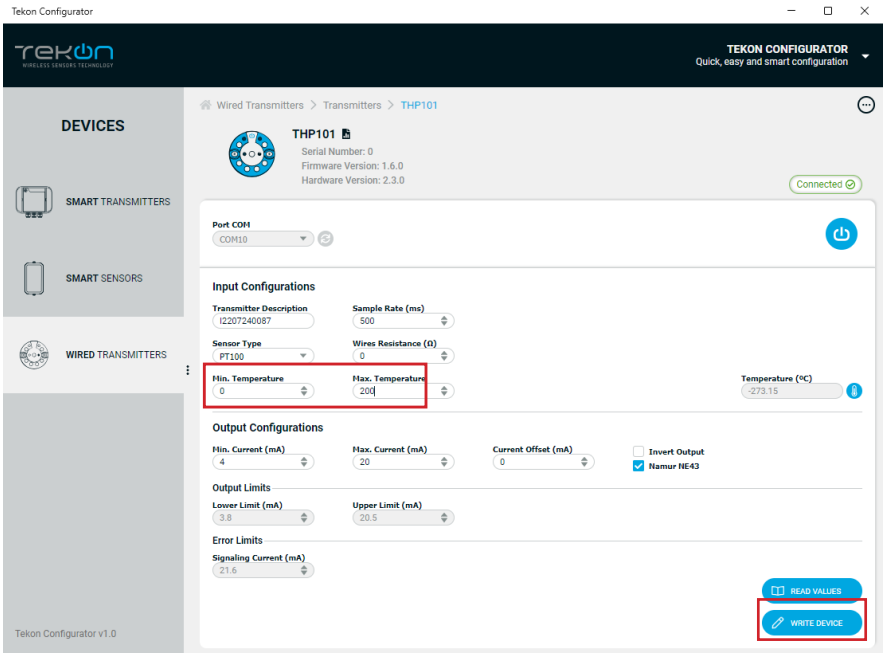
11

To change the default settings, update the value of the desire parameter and select the "Write Device" option. In this example, we change the "Temperature Min." to 0 and "Temperature Max." to 200.



NOTE:
The "WRITE DEVICE" button will only be active when there is a change to one of the editable fields, if there is no change it will be disabled.

While the settings are being written, the following icon will be displayed next to the "*WRITE DEVICE*" button ( )

If the changes to the device have been written, the following symbol will appear ( )

If not, the following symbol will appear ( ),try again and check that the device is connected correctly.

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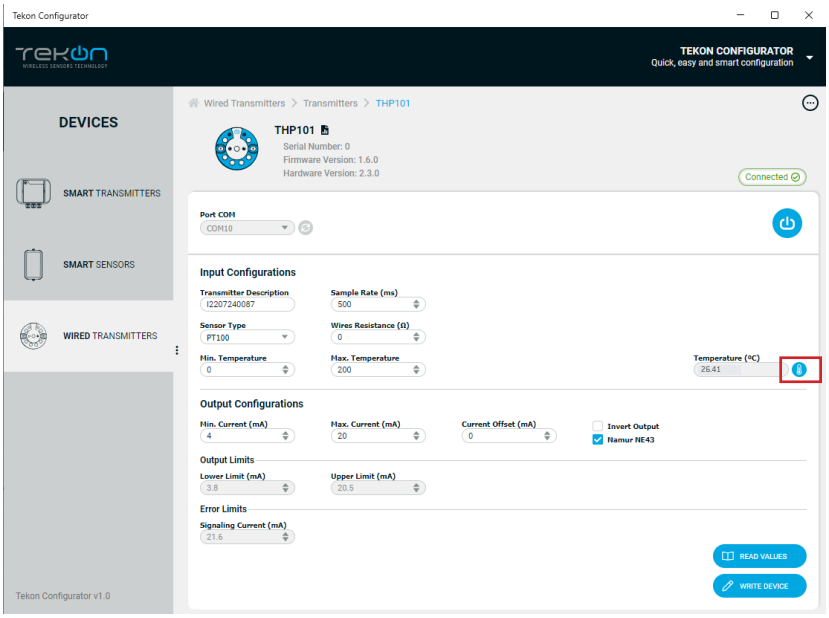
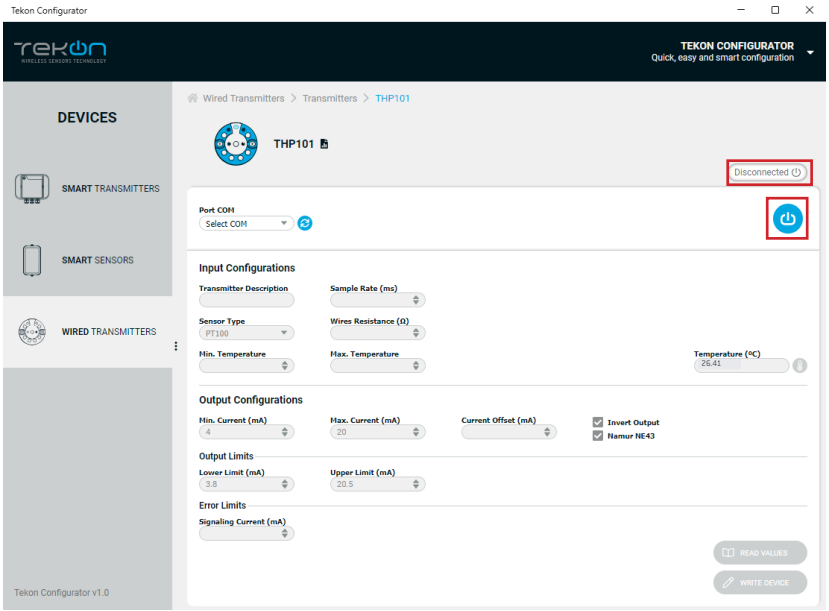
12 Click on to read the current temperature value.



Wait for the software to read the values from the device. Wait for the status to change to .

If the device reading fails appears. Make sure that all the steps have been carried out correctly.

13 Click on the button ( ) to exit *configuration mode* and return the device to normal operating mode.



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