

THERMOCOUPLE TEMPERATURE HEAD TRANSMITTER THT201



INSTALLATION GUIDE

IG_INHD_THT201_E02A

THERMOCOUPLE TEMPERATURE HEAD TRANSMITTER THT201

INSTALLATION GUIDE

step
01

CONNECT AND CONFIGURE THT201 THERMOCOUPLE TEMPERATURE HEAD
TRANSMITTER

Pages 3 to 9

step

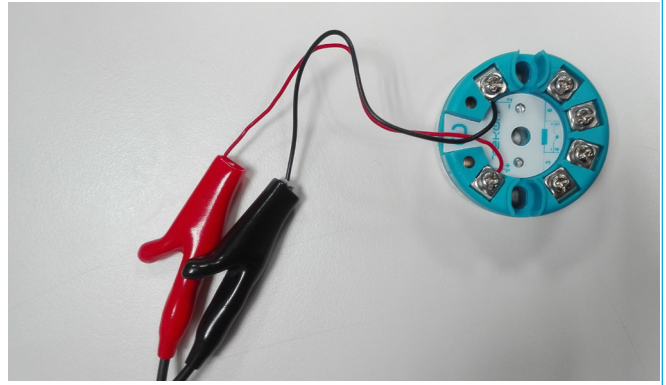
01

CONNECT AND CONFIGURE THT201 THERMOCOUPLE TEMPERATURE HEAD TRANSMITTER

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

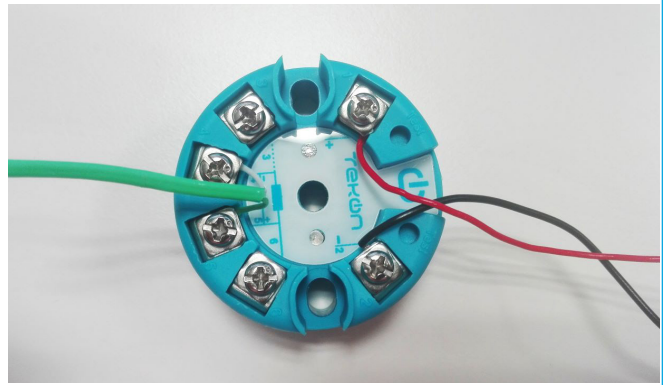
01

Connect the THT201 transmitter to the SARC2 cable configurator.



02

Connect the Thermocouple to the THT201 transmitter.



03

Connect the SARC2 configurator cable to the computer.



04

Open Tekon Configurator software.



step
01

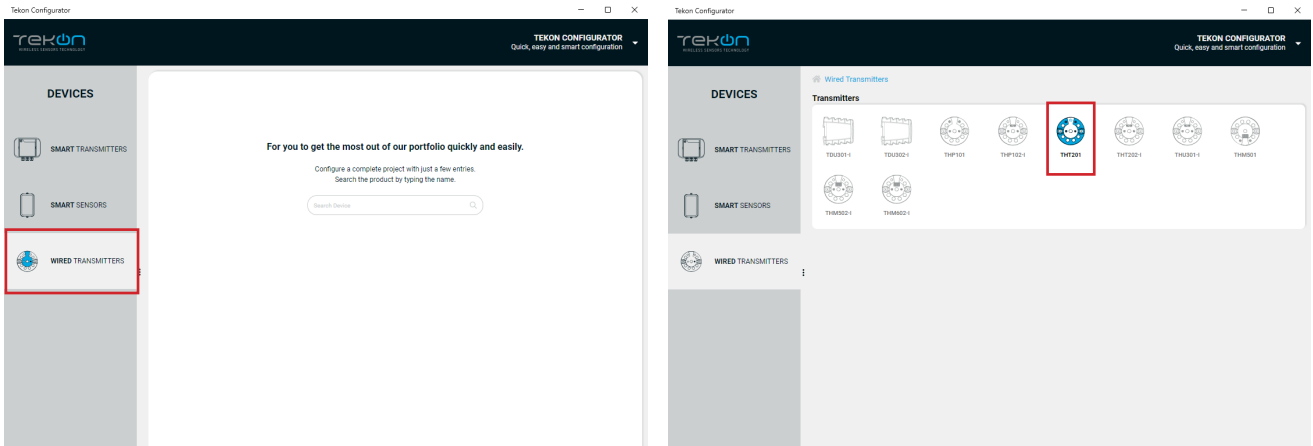
CONNECT AND CONFIGURE THT201 THERMOCOUPLE TEMPERATURE HEAD TRANSMITTER

05

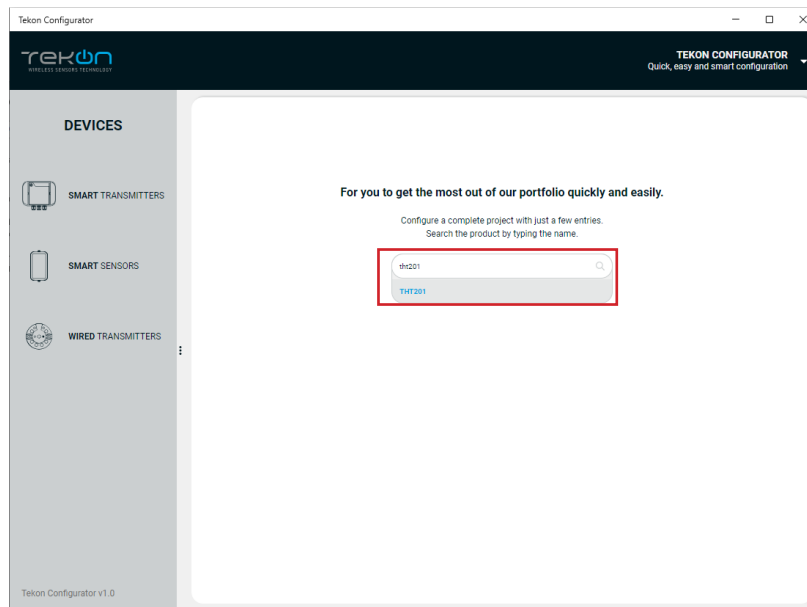
Open the THT201 device page.

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.

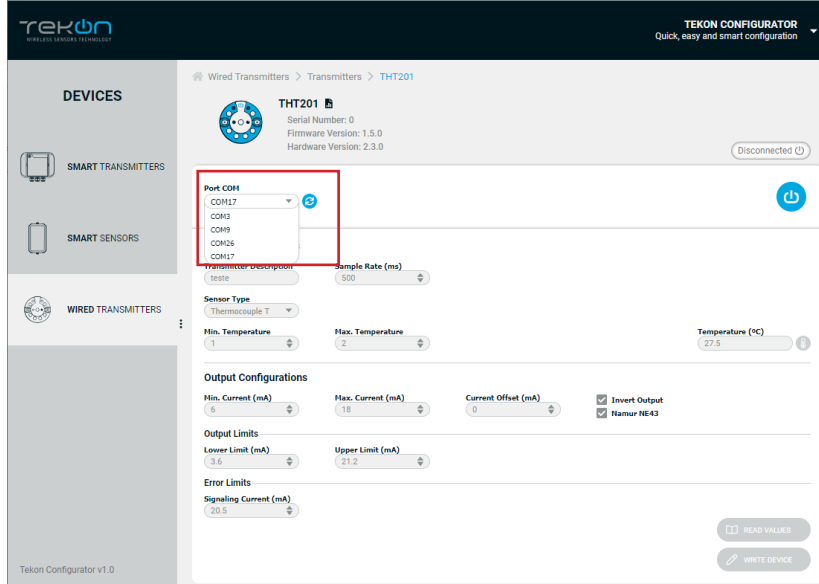


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01

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06

Load the "Port COM" corresponding to the THT201.

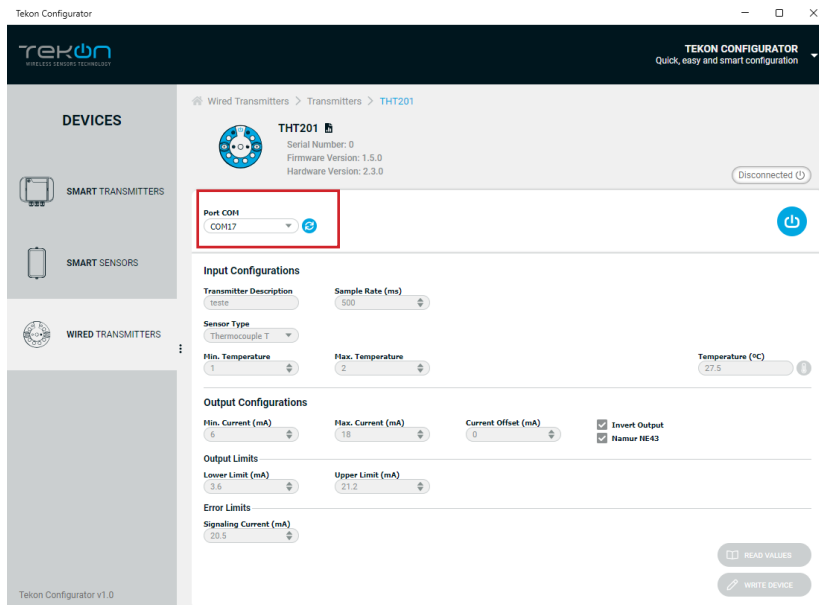


NOTE:

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.



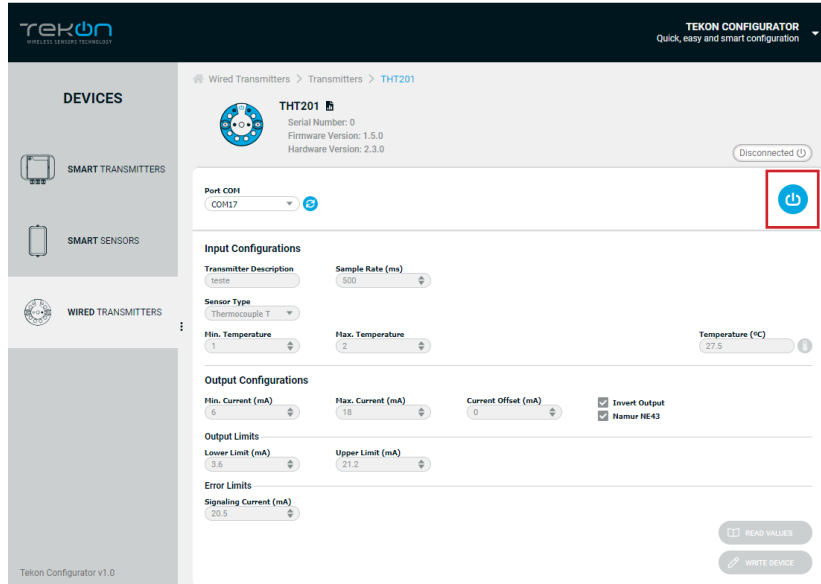
² You can check device's serial port name in "Device Manager" on Microsoft® Windows® operating system.

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08

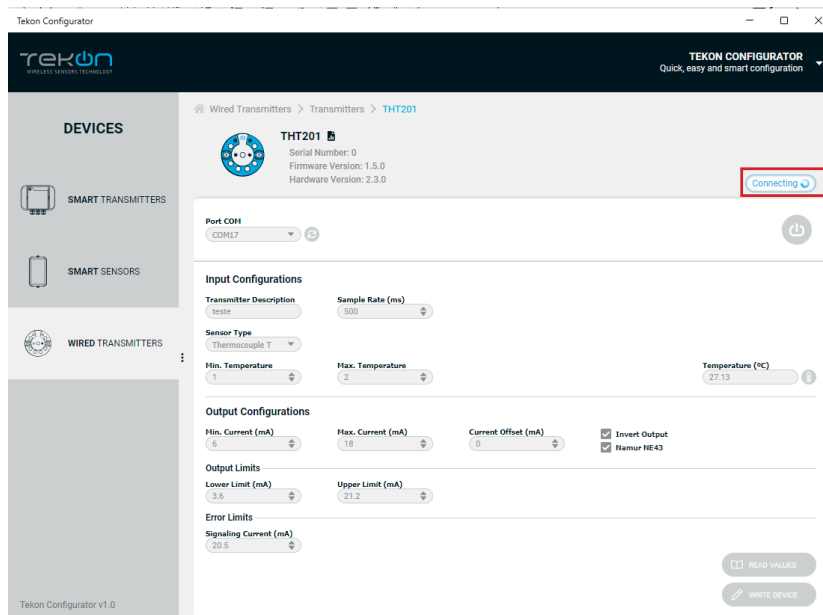
Click on *Connect* () button.




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:

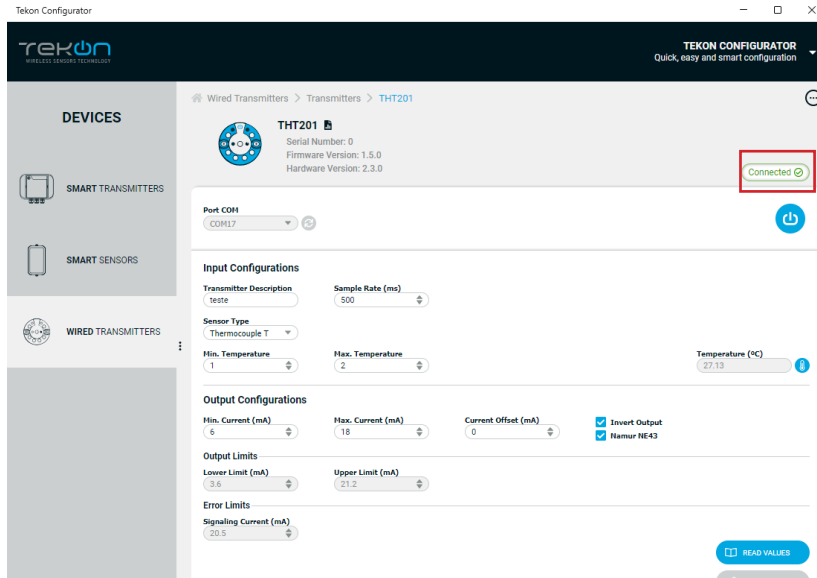
If the software is unable to connect to the device, the  status is displayed. If it hasn't connected, go back to the previous steps and check the port COM.

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CONNECT AND CONFIGURE THT201 THERMOCOUPLE TEMPERATURE HEAD TRANSMITTER

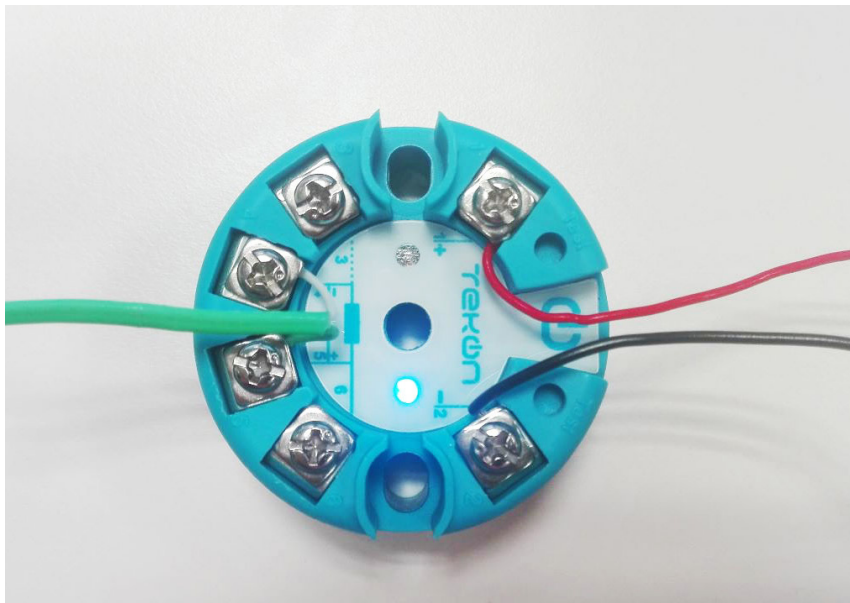
09

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



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While the THT201 transmitter it is in configuration mode, the blue led will flash continuously.

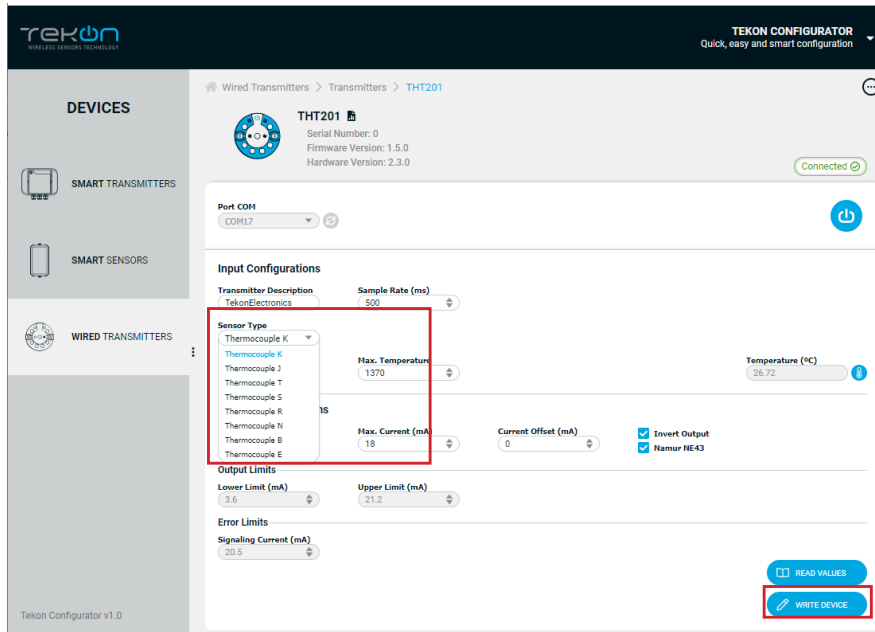


step
01

CONNECT AND CONFIGURE THT201 THERMOCOUPLE TEMPERATURE HEAD TRANSMITTER

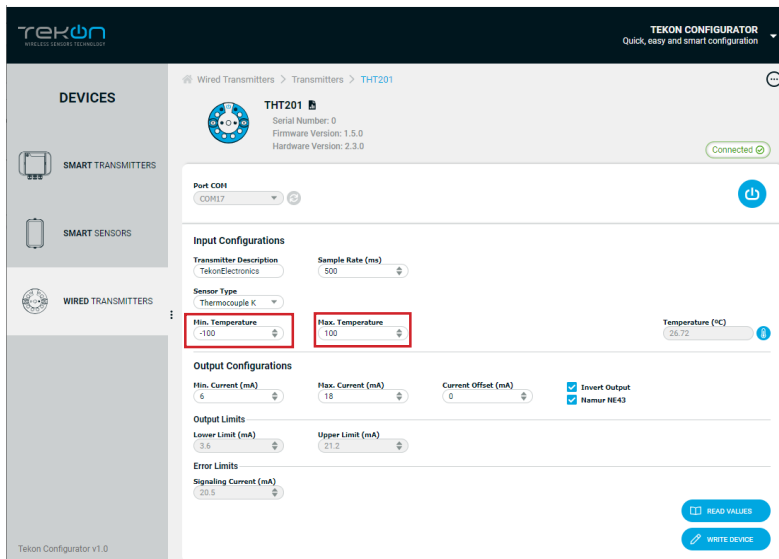
11

Choose which thermocouple you want to in **Sensor Type** select.



12

To change the selected sensor settings, update the value of the desire parameter and select the “Write Device” option. In this example, we use the **thermocouple K** and change the “Temperature Min.” to -190 and “Temperature Max.” to 400.



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.




NOTE:

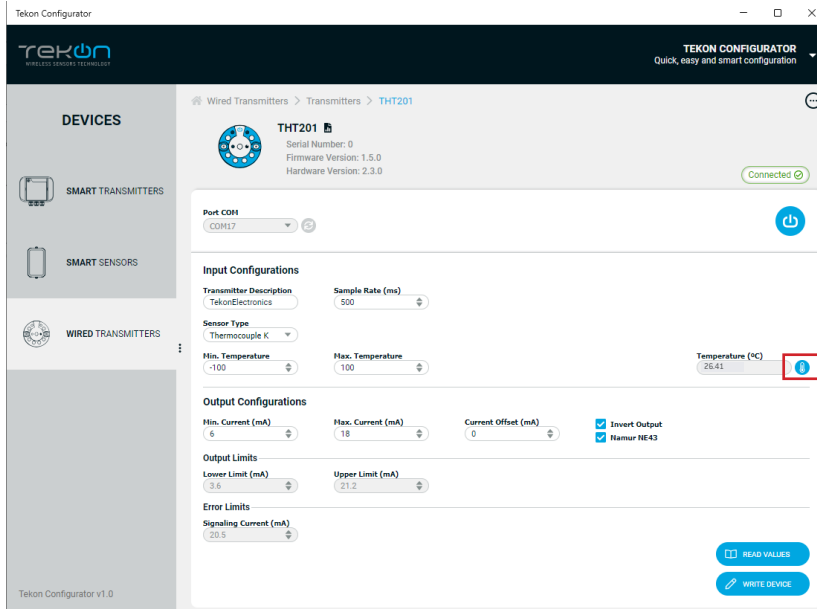
The “WRITE DEVICE” button will only be active when there is a change to one of the editable fields, if there is no change it will be disabled.



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Click on  to read the current temperature value.

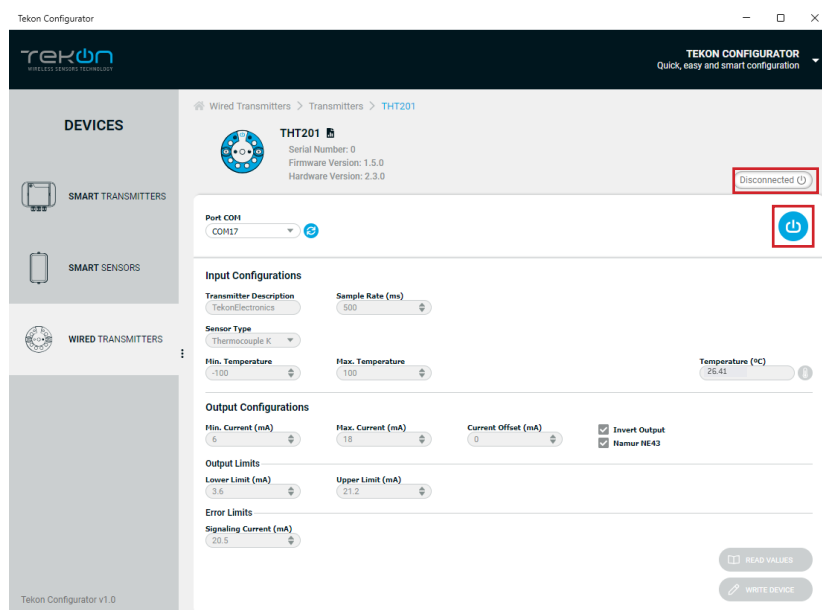


Wait for the software to read the values from the device. Wait for the  status to change to .

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

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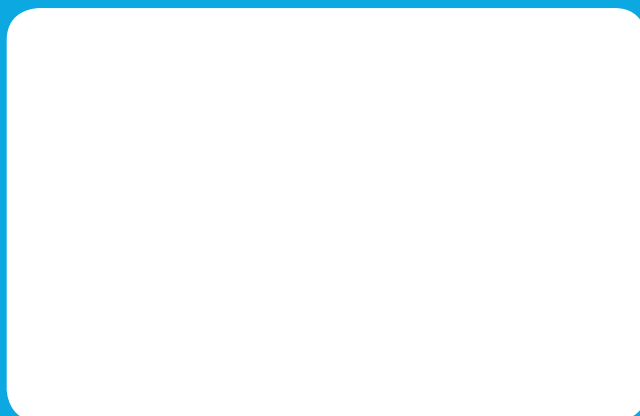
Click on the button  to exit *configuration mode* and return the device to normal operating mode.



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