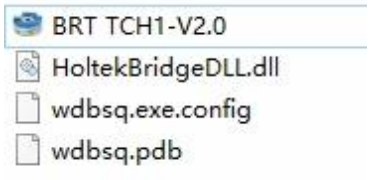
BRT TCH1-V Intelligent Temperature Transmitter Software V2.2

Configuration Software Instruction

When run the configuration software, the anti-virus software may alert that that software is a potential malicious software, please do ignore it or add configuration software to the white list of your anti-virus software. The software supports Win10, Win 7, Win vista., etc.

Step 1. Open the software folder *BRT TCH1-V3.0 EN.* Please double click to run the configuration software *BRT TCH1-V2.0*.



Step 2: Plug in the USB configuration cable to the PC USB port and ensure that USB configuration cable has been detected by your PC successfully **(must use the cable along the products).**

Step 3: Plug in the USB cable to the temperature transmitter BRT TCH1 tightly.

Step 5: Select a serial port and click [ON]. then user can set the input sensor type, temperature range, etc.

Step 6.: Set parameters: Click the software **Step 3 [**Read] button to read the default parameters. If user wants type J sensor signal input, pls choose [TC-J], type Max. temperature value and Min Temperature value. Then click [Write].

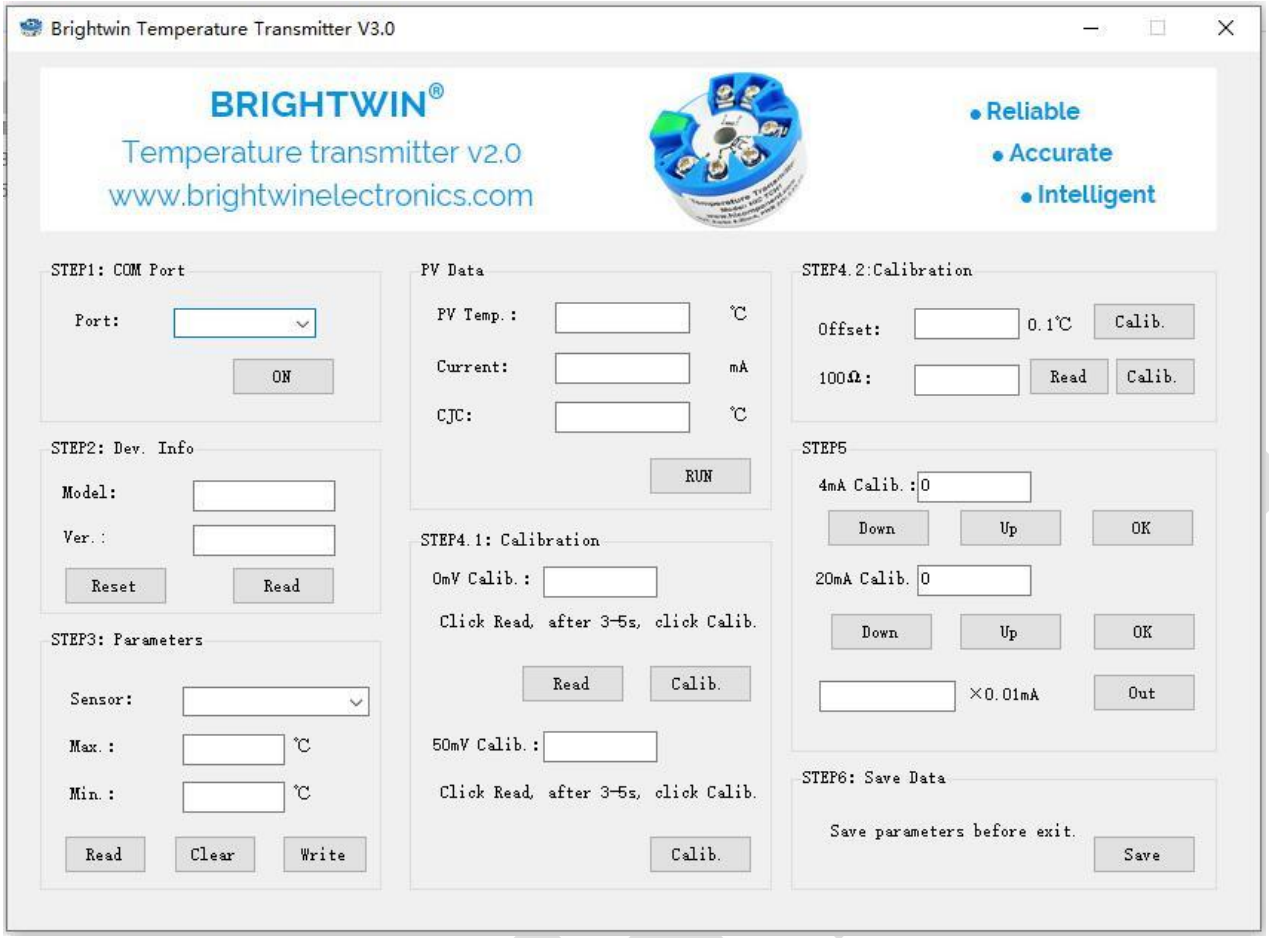
Step7.: Pls do **Step 4.1** Calibration, **[0mV Calib.]** , **user needs to short-circuited connect Pin#4 and Pin#5 of temperature transmitter firstly**, then click **[Read] below in [0mV Calib.]., wait for 3-5 seconds, then click [Calib.] below in [0mV Calib.].** *User does not need enter any value in the column [0mV Calib.]

Step 8: Go the last step 6 in the software, click **[Save]** and exit.

The parameters have been set successfully.

***Warnings:**

1. When setting the temperature range through software, please do not exceed the min. or max, temperature range listed above.
2. DC 0-5V, 1-5V, 0-10V, 0-20mA, 4-20mA, 0-10mA, PT1000 inputs are NOT supported, pls do not set sensor input type into these options.
3. When running the software, computer may requires user to install *.netFramework*, please download *netframework* software and install it firstly, otherwise user cannot use that configuration software.



Software Functions Description:

[Sensor]: Choose a sensor type you want.

[Max]: the higher limit/ max temperature you want.

[Min.]: the lower limit/ min temperature you want.

[Read]: read current default parameters.

[Clear]: clear all the data entered.

[Write]: write the parameters above into the temperature transmitter.

[Save]: After setting all the parameters, user needs to click [Save] to save all the parameters setting.

[0mV Calib.]: 0mV Calibration, used for thermocouple signal input accuracy resetting.

[Calib.]: Calibration

[4mA Calib.]: 4mA output calibration

[20mA Calib.]: 20mA output calibration

[Down]: Adjust value down-

[Up]: Adjusting value up +

[OK]: Already completed calibration

[Out]: Output

*** Buttons below have no functions, only for reference.**

[PV Temp.]: No function, only for internal reference.

[Current] [CJC]: No function, only for internal reference

[Manual out]: No function, only for internal reference.

***[Reset] Reset all the parameters setting, Do not click this button, otherwise it may cause permanent damages, thanks.**

*If need technical support, please send us email: brightwinelectronics@hotmail.com OR leave message online to get software download link, we will reply you within 12 hours, thank you.

*If you like it, please give us 5 stars review, your value reviews are very important for us to provide better products and service, important for other buyers, many thanks.

*The specification is subject to change without notice.