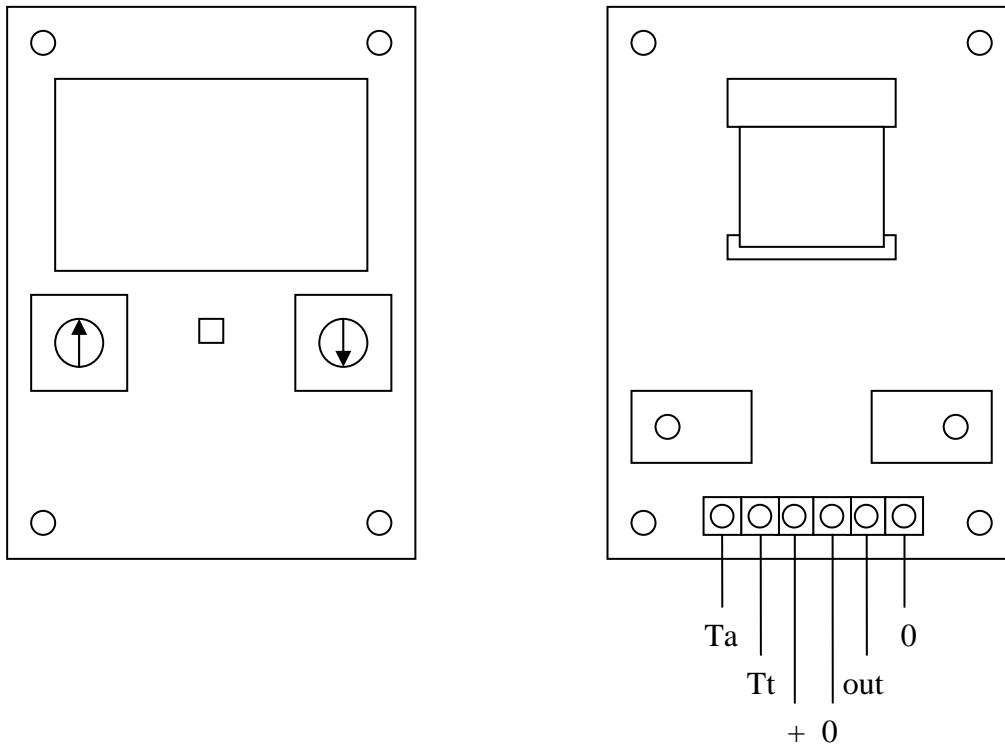


Connections QC-PC-D



Display readout

The display of the TCV-DU shows the current temperature (TA) and the set point (TT). A small icon shows if the device is configured for Heating or Cooling operation. This is controlled by the “mode” setting. A animated icon indicates if the output is active. A red led right below the display is also indicating if the output is active.

Change settings

- To enter the menu press and hold the UP and DOWN key for 3 seconds, a simple menu will show.
- Go through the settings with the UP or DOWN key.
- To change the selected setting press and hold the UP and DOWN key for 1 second, the setting gets highlighted. Change the setting by pressing the UP or DOWN key. If the desired value is selected, press and hold the UP and DOWN key for 1 second to save the current setting. The device will return to the settings menu.
- To exit the menu press and hold the UP and DOWN key for 3 seconds.

Factory defaults

If factory default need to be loaded, press and hold the UP and DOWN key while powering up the device. Release the keys after power-up. The device is now loaded with its factory default settings.

Settings overview

Mode	(Heating / Cooling, default: Cooling) Changes the device behavior.
TT offset	(-5 °C to +5 °C, default: 0 °C) Applies a temperature offset to the TT readout of the display.
TA offset	(-5 °C to +5 °C, default: 0 °C) Applies a temperature offset to the TA readout of the display.
Output hyst.	(0.1 °C to 5 °C, default: 0.2 °C) Hysteresis of 0.2 means that the difference between the TA and TT value needs to be 0.2 °C to let the output change. This prevents the output from jitter.
Output offset	(0 °C to 5 °C, default: 0 °C) Controls the difference between TA and TT before the output is activated. With its default setting of 0 °C and Heating mode the output is activated when the temperature (TA) drops below the set point (TT). If a output offset of 5 °C is used, the output is activated when the temperature (TA) drops 5 °C below the set point (TT).
Output invert	(normal / invert, default: normal) Normal means if heating or cooling is required the output is set to 1. Invert means if heating or cooling is required the output is set to 0.
LCD backlight	(off / on / timeout 10 to 60 seconds, default: 10 seconds) Control the lcd backlight. With the default setting of 10 seconds the backlight gets turned off 10 seconds after the last key was pressed.
LCD contrast	(1 to 10, default: 5) Controls the intensity off the lcd display.
Sw. version	Displays the current software version. This setting cannot be changed.