

Reference numbers	Corresponding I/O sensor	Name on the saved file
0,1	t	TA1
2	t2	TA2
3	t3	TA3
4	T[0]	TS1
5	T[1]	TS2
6	T[2]	TS3
7	T[4]	TS4
8	T[5]	Tbx

The names on the cyan labels in the figure above correspond to their respective I/O sensors, and their values are stored on the SD card under the names indicated by the green labels.
If the value entered in the **PID Set Point (°C)** does not match any predefined options, the set point will default to TA1.

Alternatively, the PID can be set to track a fixed user-defined temperature by setting the **PID Set Point (°C) equal to 10** and then using **New Set Point (°C)** to indicate a temperature value between 0 °C and 60 °C (e.g., 32.5°C). As in the previous case, the **PID Set Point (°C)** will default to TA1 for invalid input.

PID Set Point Reference (integer number):
(Instructions):

Sample Surface (m²):

New Set Point (desired temperature °C):

After pressing “*Submit*” the ESP will restart, so if you have to operate also on other settings like the WiFi or the Database you can wait the ESP restart and do it, but the measurements will be not aligned. While if you already did all the needed things, you can **turn off the power supply of the FRESCO and turn on again** to get a well alignment among Tdrop, PCool and the ESP microcontroller.

In the next page you will find the I/O ports referred to the PCool board and all useful reference already listed in the table of the previous section.

PCool I/O pin description

