

Average Builder

Function of the component

You own a temperature sensor and you want to display it as Average, Median, Minimum or Maximum.

Go to „Controls“ in „Device configuration“. Create a new control function with the green plus .

Press the button „Functions“.

Create the function component „average builder“.

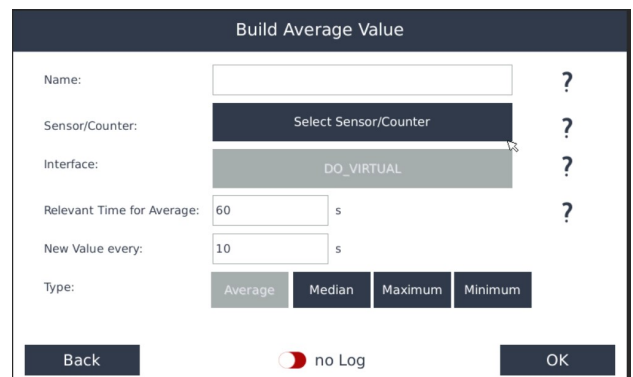
Enter e.g.: „PT1000 D“ at „Name“.

Choose your Sensor/Counter at „Sensor/Counter“ that is required for the calculation.

„Interface“ is always „DO_Virtual“.

At „Relevant time for average“ enter the time that should be used for the average.

At „New value every“ enter the time, how often Powerdog® should refresh the sensor-, counter values.



Explanation of the types:

Average This is the average of the sensor/counter values from the selected time.

Median The median is the value that is in the middle of a list of numbers, when you sort them by their size. For example for the values 4, 1, 37, 2, 1 number 2 is the median, because it is in the middle 1, 1, 2, 4, 37.

Maximum Maximum is the highest value of the sensors/counters in the selected time.

Minimum Minimum is the lowest value of the sensors/counters in the selected time.