



Working principle: Temperature rises >> NTC resistance decreases >> voltage U_x decreases >> Current increases >> Meter indicates higher temperature

For controlling transistor switch circuit we need to know what is the voltage $U_x - \text{Gnd}$, at point when switch should connect led and buzzer on.

We can calculate U_x , if we know exact resistance of current meter.

Or you should measure what is the U_x value, when transistor switch should work.

KerimF designed a nice circuit and it should work, but you must take current meter (gauge) out of circuit if you use it.

With known value of U_x we can design transistor switch circuit, that turns on when U_x value is lower than wanted trigger value.
ie. temp. is higher than trigger temp.

