

NTC Temperature Sensor with 1/8" NPT thread

Technical data:

- Type: analog - NTC,
- Range: 60000 – 1020 Ω (20 – 150 $^{\circ}\text{C}$)
- Thread: 1/8" NPT
- Tool: 12 mm

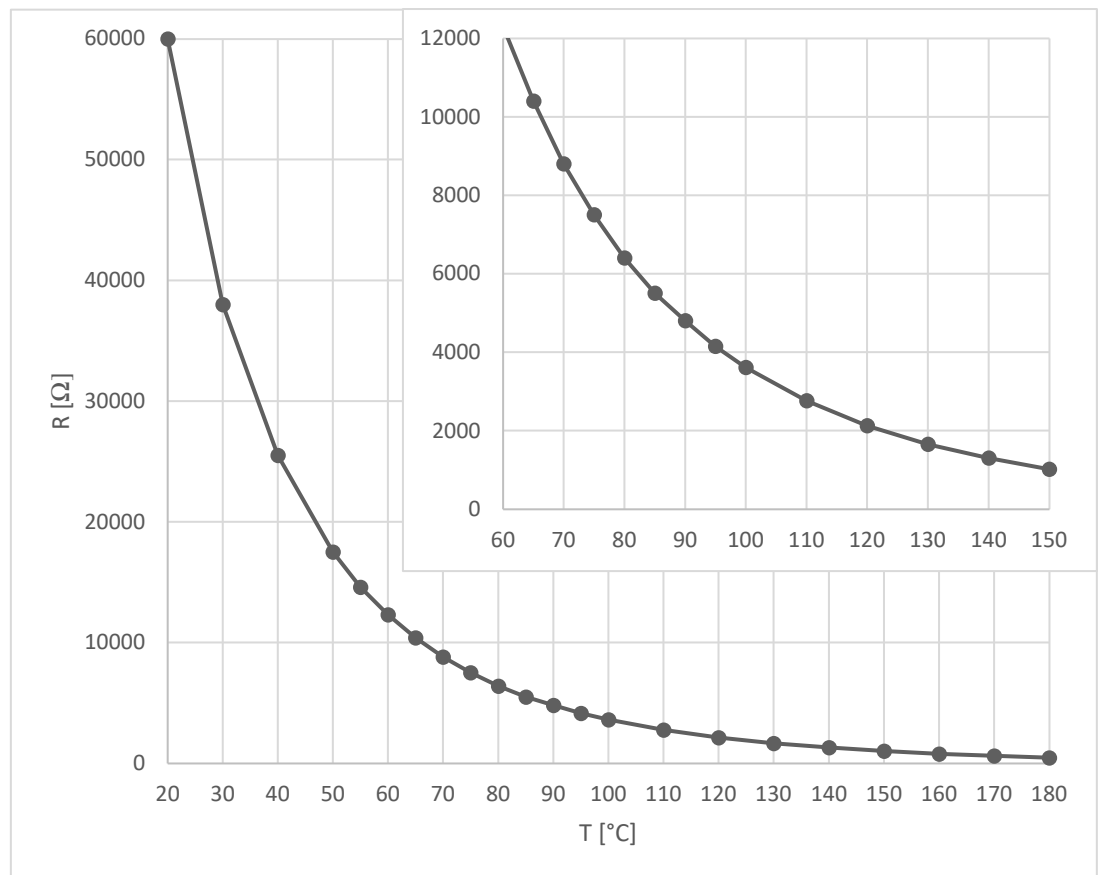
Connection:

- Blue – signal (AdcVccX in UTCOMP)
- White – negative (GND in UTCOMP)



Resistance table:

T [$^{\circ}\text{C}$]	R [Ω]
20	60000
30	38000
40	25500
50	17500
55	14600
60	12300
65	10400
70	8800
75	7500
80	6400
85	5500
90	4800
95	4150
100	3610
110	2760
120	2130
130	1650
140	1300
150	1020
160	780
170	610
180	460



UTCOMP calibration data:

($V_{\text{REF}} = 5.2\text{V}$ $R_{\text{pullup}} = 1000 \Omega$)

$$R_{25} = \mathbf{47\ 000} \text{ } [\Omega], \quad \beta = \mathbf{3800} \text{ } [\text{K}]$$