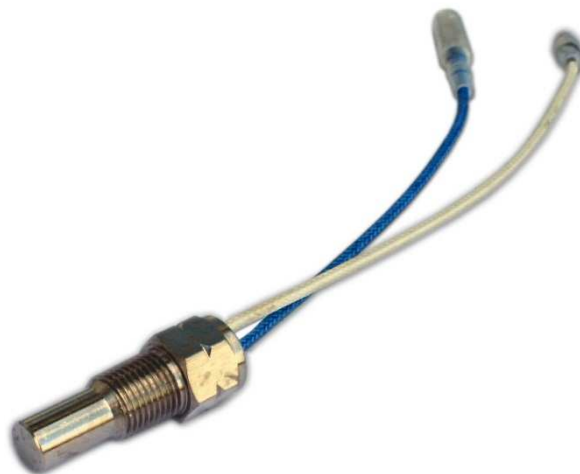


NTC Temperature Sensor with 1/8" NPT thread

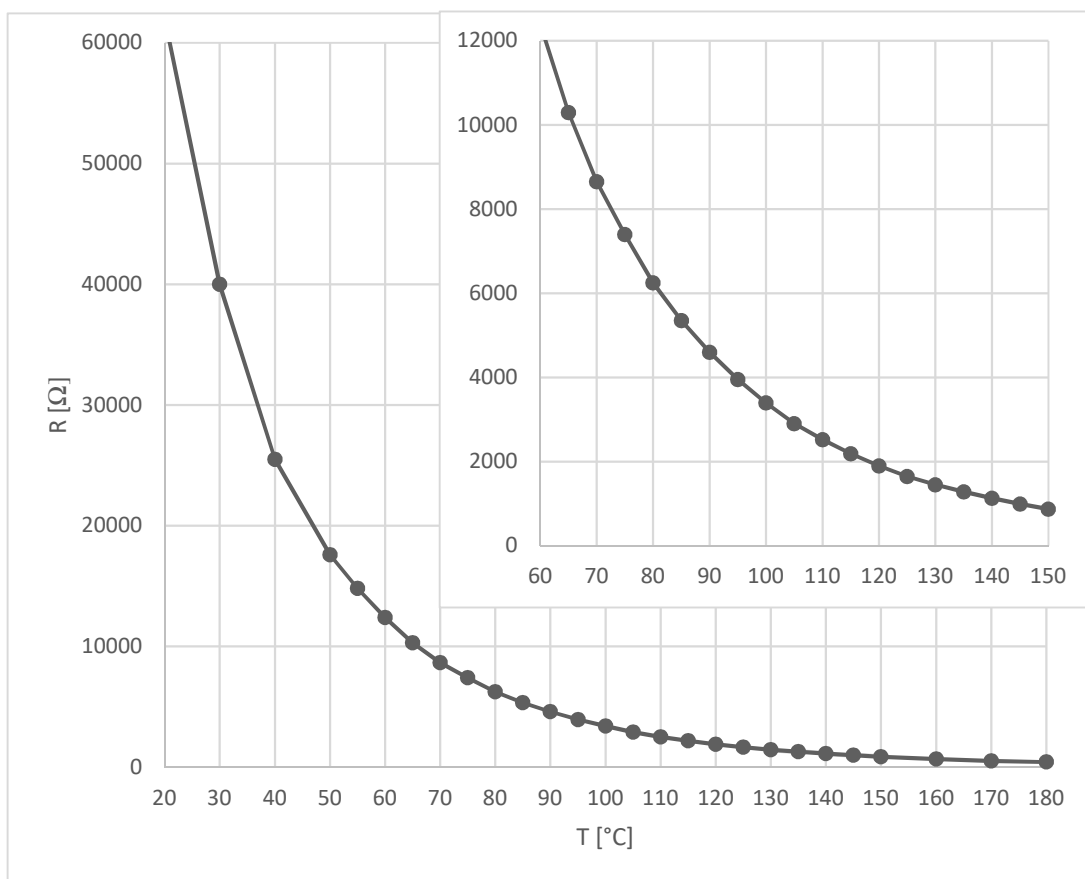
Technical data:

- Type: analog - NTC,
- Range: 62000 – 430 Ω (20 – 180 $^{\circ}\text{C}$)
- Thread: 1/8" NPT
- Tool: 12 mm



Resistance:

T [$^{\circ}\text{C}$]	R [Ω]
20	62000
30	40000
40	25500
50	17600
55	14800
60	12400
65	10300
70	8650
75	7400
80	6250
85	5350
90	4600
95	3950
100	3400
105	2900
110	2520
115	2190
120	1900
125	1650
130	1450
135	1280
140	1130
145	990
150	870
160	670
170	530
180	430



UTCOMP calibration data:

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

	A	t	T0
60-150 $^{\circ}\text{C}$	-16.1	-2.27	194.0
50-120 $^{\circ}\text{C}$	-1.0	-1.1	141.3

$$T = A * e^{-\frac{U}{t}} + T0$$

$$R_{25} = \mathbf{52489} \text{ } [\Omega], \beta = \mathbf{4095} \text{ } [\text{K}]$$