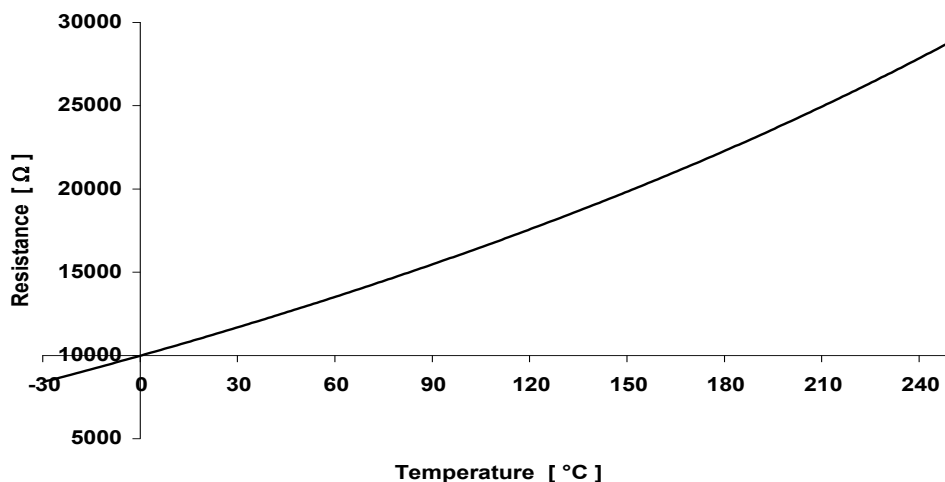
		Characteristic of temperature sensing elements Ni 10000, T_k = 6180 ppm/ °C				Ni10000/6180	
						VÝTISK ČÍSLO	
AUTOR	Lukáš Osadník					SKART. ZNAK	S10
STRANA	2 z 2	VERZE	C z 25.11.13	NAHRAZUJE	B z 10.3.08	KLASIF. KÓD	I

Characteristic of the sensing element



Accuracy classes of the sensing element

Sensing elements are produced in accuracy classes with tolerance fields which are specified following formula:

	for t < 0 °C	for t > 0 °C
Class B	$\Delta T = \pm (0,4 + 0,028 * t)$ in °C	$\Delta T = \pm (0,4 + 0,0070 * t)$ in °C

* |t| is absolute temperature value

Temperature [°C]	Resistance [Ω]	Class B	
		ΔT [°C]	ΔR [Ω]
-30	8414,6	± 1,24	± 63,2
0	10000,0	± 0,40	± 22,0
50	12910,5	± 0,75	± 45,8
100	16177,9	± 1,10	± 75,9
150	19863,5	± 1,45	± 114,6
200	24066	± 1,80	± 162,0
250	28915,6	± 2,15	± 225,8

Tolerance field

