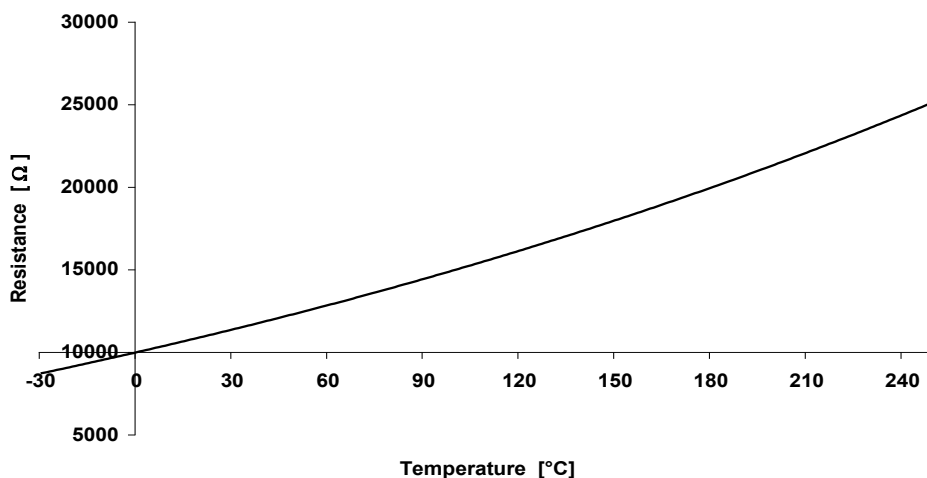
		<b>Characteristic of temperature sensing elements Ni 10000, T<sub>k</sub> = 5000 ppm/ °C</b>				Ni10000/5000	
						VÝTISK ČÍSLO	
AUTOR	Petr Brzezina					SKART. ZNAK	S10
STRANA	2 z 2	VERZE	C z 25.11.13	NAHRAZUJE	B z 10.3.08	KLASIF. KÓD	I

## 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 in °C

Temperature [°C]	Resistance [Ω]	Class B	
		ΔT [°C]	ΔR [Ω]
-30	8716,9	± 1,24	± 50,8
0	10000,0	± 0,40	± 17,6
50	12349,8	± 0,75	± 37,5
100	15000,1	± 1,10	± 61,6
150	17992,7	± 1,45	± 91,4
200	21369,6	± 1,80	± 127,8
250	25172,7	± 2,15	± 174,2

## Tolerance field

