

Characteristic KTY 81-110

Measuring range: -50 °C to +150 °C

Example values @ +25 °C

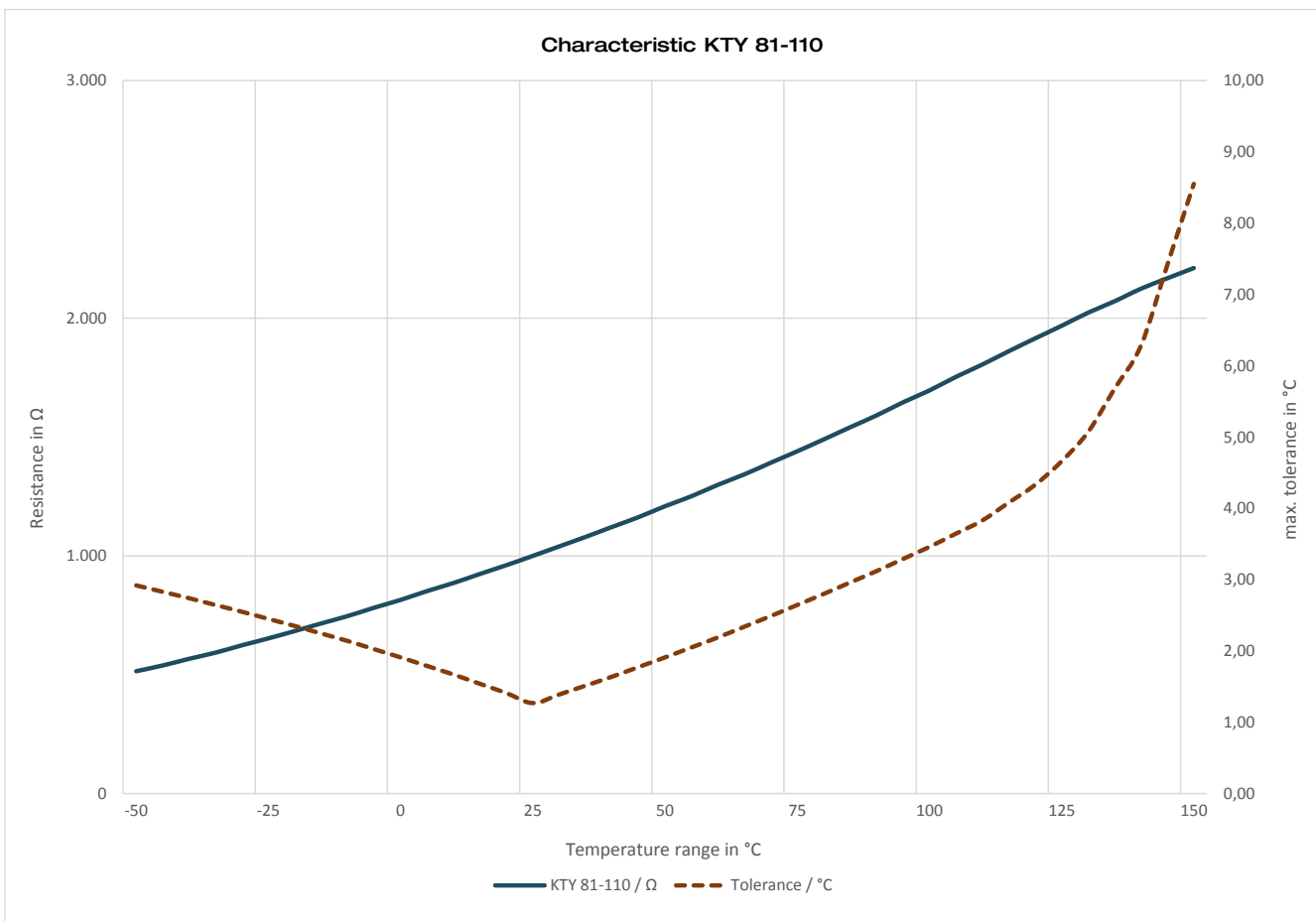
+°C	-°C
1,27	-1,27

T °C	R Ω	max. tol. ± in °C*
-50	515	2,9
-40	567	2,7
-30	624	2,6
-20	684	2,4
-10	747	2,1
0	815	1,9
10	886	1,7
20	961	1,4
25	1.000	1,3

T °C	R Ω	max. tol. ± in °C*
30	1.040	1,4
40	1.122	1,6
50	1209	1,9
60	1.299	2,2
70	1.392	2,5
80	1.490	2,8
90	1.591	3,1
100	1696	3,5

T °C	R Ω	max. tol. ± in °C*
110	1.805	3,8
120	1.915	4,3
125	1.968	4,7
130	2.023	5,1
140	2.124	6,3
150	2.211	8,6

*Maximum tolerance



ARN / KS / 15.03.2024

To keep the temperature error low, an operating current of $I_{sen(cont)} = 1 \text{ mA}$ is recommended for temperatures above 100 °C. For further information see data sheet: https://www.nxp.com/docs/en/data-sheet/KTY81_SER.pdf

Testo Sensor GmbH

+49 7653 96597-71
 Testo-Straße 1
 D-79853 Lenzkirch
 webshop@testo-sensor.de
 Please find our whole temperature probe and transmitter portfolio in our webshop at: www.testo-sensor.shop

Managing Director: Prof. Burkart Knospe, Martin Arndt, Timo Löffler
 Amtsgericht Freiburg HRB 706025 | Umsatzsteuer-ID.: DE274417683