

CABLE TEMPERATURE SENSOR TEKY6 NTC 2.2

TEKY6 NTC 2.2 temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a NTC element with a nominal resistance of 2.2 k Ω (at 25 °C).

Sensor element is inserted in a sleeve of stainless steel. Rolled sleeve gives good protection against water and dust (IP67).

Sensor resistance at different temperatures

°C	Ω	°C	Ω
120	90	25	2252
100	153	20	2813
90	207	15	3538
80	283	10	4482
75	334	5	5718
70	395	0	7353
65	469	-5	9533
60	560	-10	12 460
55	673	-15	16 428
50	811	-20	21 860
45	984	-25	29 398
40	1200	-30	39 908
35	1471	-40	75 953
30	1814	-50	151 470



Technical data:

sensor	2.2 k Ω NTC element
sleeve	\varnothing 6 mm x 45 mm, stainless steel
cable	\varnothing 5 mm x 2.3 m, PVC
range	-30...+80 °C
accuracy	\pm 0.25 °C (at 25 °C)
cable gland	IP67

Ordering guide:

Model	Product number	Description
TEKY6 NTC 2.2	1172320	flying lead sensor, 2.2 k Ω NTC element

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-2001: 6 (Emission) and EN61000-3-2001: 2 (Immunity).