DATA SHEET

TEKY6 NTC2 2

Produal

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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 kΩ (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 kΩ NTC element
sleeve	∅ 6 mm x 45 mm, stainless steel
cable	∅ 5 mm x 2.3 m, PVC
range	-30…+80 °C
accuracy	±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 kΩ 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).

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