DATA SHEET

TEKY6 NTC1 8

Produal

Distributed by AKRIBIS

CABLE TEMPERATURE SENSOR TEKY6 NTC 1.8

TEKY6 NTC 1.8 temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a NTC element with a nominal resistance 1.8 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	**110**	25	**1800**
100	**178**	20	**2177**
90	**230**	15	**2649**
80	**303**	10	**3241**
75	**349**	5	**3989**
70	**403**	0	**4940**
65	**468**	-5	**6159**
60	**545**	-10	**7730**
55	**638**	-15	**9771**
50	**750**	-20	**12 443**
45	**885**	-25	**15 969**
40	**1049**	-30	**20 659**
35	**1250**	-40	**35 480**
30	**1496**	-50	**63 229**

Technical data:

sensor	1.8 kΩ NTC element
sleeve	∅ 6 mm x 45 mm, stainless steel
cable	∅ 5 mm x 2.3 m, PVC
range	-30…+80 °C
accuracy	±0.3 °C (at 25 °C)
cable gland	IP67

Ordering guide:

Model	Product number	Description
TEKY6 NTC 1.8	117E330	flying lead sensor, 1.8 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).

Information is subject to change without prior notice.