DATA SHEET

TEKY6 NTC10-AN

Produal

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CABLE TEMPERATURE SENSOR TEKY6 NTC 10-AN

TEKY6 NTC 10-AN temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a NTC element with a nominal resistance of 10 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	**483**	25	**10 000**
100	**817**	20	**12 268**
90	**1084**	15	**15 136**
80	**1458**	10	**18 787**
75	**1700**	5	**23 462**
70	**1990**	0	**29 490**
65	**2339**	-5	**37 316**
60	**2760**	-10	**47 549**
55	**3271**	-15	**61 030**
50	**3893**	-20	**78 930**
45	**4656**	-25	**102 890**
40	**5594**	-30	**135 233**
35	**6754**	-40	**239 831**
30	**8197**	-50	**441 667**

Technical data:

sensor	10 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 10-AN	117H320	flying lead sensor, 10 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.