DATA SHEET

TEKY6 NTC10-KB

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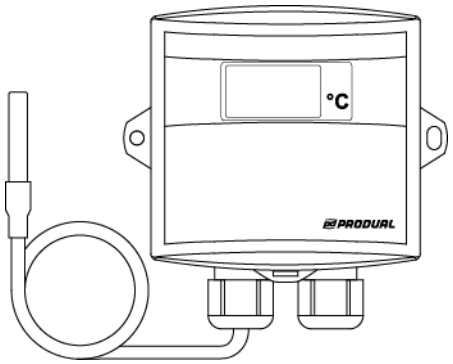
PRODUAL
measure - be sure.

CABLE TEMPERATURE SENSOR TEKY6 NTC 10-KB

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

Temperature is detected by a NTC element with a nominal resistance of 5025 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	**467**	25	**5025**
100	**723**	20	**5573**
90	**923**	15	**6126**
80	**1194**	10	**6667**
75	**1364**	5	**7183**
70	**1562**	0	**7661**
65	**1791**	-5	**8093**
60	**2056**	-10	**8472**
55	**2358**	-15	**8796**
50	**2702**	-20	**9067**
45	**3088**	-25	**9288**
40	**3517**	-30	**9466**
35	**3987**	-40	**9712**
30	**4492**	-50	**9854**

Technical data:

sensor	5025 Ω NTC element
sleeve	∅ 6 mm x 45 mm, stainless steel
cable	∅ 5 mm x 2.3 m, PVC
range	-30…+80 °C
accuracy	±0.5 °C (at 25 °C)
cable gland	IP67

Ordering guide:

Model	Product number	Description
TEKY6 NTC 10-KB	117B320	flying lead sensor, 5025 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).

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