DATA SHEET

TEKY6 NTC10-C

Produal

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PRODUAL
measure-be sure.

CABLE TEMPERATURE SENSOR TEKY6 NTC 10-C

TEKY6 NTC 10-C 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).

Silicone cable version TEKY6S is available for more demanding conditions.

Sensor resistance at different temperatures

°C	Ω	°C	Ω
120	**597**	25	**10 000**
100	**973**	20	**12 090**
90	**1266**	15	**14 690**
80	**1668**	10	**17 960**
75	**1924**	5	**22 050**
70	**2228**	0	**27 280**
65	**2588**	-5	**33 900**
60	**3020**	-10	**42 470**
55	**3536**	-15	**53 410**
50	**4160**	-20	**67 770**
45	**4911**	-25	**86 430**
40	**5827**	-30	**111 300**
35	**6940**	-40	**-**
30	**8313**	-50	**-**



Technical data::

sensor	10 kΩ NTC element
sleeve	∅ 6 mm x 45 mm, stainless steel
cable	
TEKY6	∅ 5 mm x 2,3 m, PVC
TEKY6S	∅ 5 mm x 2,3 m, silicone
range	
TEKY6	-30…+80 °C
TEKY6S	-30…+150 °C
accuracy	±0.25 °C (at 25 °C)
cable gland	IP67

Ordering guide:

Model	Product number	Description
TEKY6 NTC 10-C	117M320	IP67 flying lead sensor, 10 kΩ NTC element
TEKY6S NTC 10-C	117M340	IP67 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.