DATA SHEET

TEKY6 NTC20

Produal

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CABLE TEMPERATURE SENSOR TEKY6 NTC 20

TEKY6 NTC 20 temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a NTC element with a nominal resistance of 20 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	**351**	25	**20 000**
100	**1114**	20	**25 350**
90	**1541**	15	**32 346**
80	**2166**	10	**41 567**
75	**2585**	5	**53 812**
70	**3099**	0	**70 203**
65	**3732**	-5	**92 322**
60	**4517**	-10	**122 431**
55	**5494**	-15	**163 777**
50	**6718**	-20	**221 088**
45	**8259**	-25	**301 297**
40	**10 211**	-30	**414 698**
35	**12 698**	-40	**810 861**
30	**15 887**	-50	**165 9082**



Technical data:

sensor		20 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	-50...+150 °C
cable		∅ 3.2 mm x 2.3 m, PVC
range		-30…+80 °C
accuracy		±0.25 °C (at 25 °C)
protection class		IP67

Ordering guide:

Model	Product number	Description
TEKY6 NTC 20	1176320	flying lead sensor, 20 kΩ NTC element
TEKY6S NTC 20	1176340	flying lead sensor, 20 kΩ NTC element

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-3 (Emission) and EN61000-6-2 (Immunity).