DATA SHEET

TEKY6 NTC10

Produal

Distributed by AKRIBIS

CABLE TEMPERATURE SENSOR TEKY6 NTC 10

TEKY6 NTC 10 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).

There is also available TEKY6S sensor with a silicone cable for harsh conditions.

Sensor resistance at different temperatures:

°C	Ω	°C	Ω
120	**389**	25	**10 000**
100	**679**	20	**12 490**
90	**916**	15	**15 710**
80	**1256**	10	**19 900**
75	**1480**	5	**25 400**
70	**1751**	0	**32 660**
65	**2082**	-5	**42 340**
60	**2488**	-10	**55 340**
55	**2986**	-15	**72 980**
50	**3602**	-20	**97 120**
45	**4368**	-25	**130 400**
40	**5326**	-30	**177 000**
35	**6532**	-40	**337 270**
30	**8055**	-50	**672 600**



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	-50…+150 °C
accuracy		±0.2 °C (at 25 °C)
protection class		IP67

Ordering guide:

Model	Product number	Description
TEKY6 NTC 10	1175320	flying lead sensor, 10 kΩ NTC element
TEKY6S NTC 10	1175340	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.