DATA SHEET

TEKY6 NI1000

Produal

Distributed by AKRIBIS

CABLE TEMPERATURE SENSOR TEKY6 NI 1000

TEKY6 NI 1000 temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a Ni 1000 element with a nominal resistance of 1000 Ω at 0 °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	**1760**	25	**1141**
100	**1618**	20	**1112**
90	**1549**	15	**1084**
80	**1483**	10	**1056**
75	**1450**	5	**1028**
70	**1417**	0	**1000**
65	**1385**	-5	**973**
60	**1353**	-10	**946**
55	**1322**	-15	**919**
50	**1291**	-20	**893**
45	**1260**	-25	**867**
40	**1230**	-30	**842**
35	**1200**	-40	**791**
30	**1171**	-50	**743**



Technical data:

sensor		1 kΩ Ni 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		±0.4 °C (at 0 °C)
cable gland		IP67

Ordering guide:

Model	Product number	Description
TEKY6 NI 1000	117C320	IP67 sensor, 1000 Ω Ni element
TEKY6S NI 1000	117C340	IP67 sensor, 1000 Ω Ni 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.