DATA SHEET

TEKY6 NI1000-LG

Produal

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CABLE TEMPERATURE SENSOR TEKY6 NI 1000-LG

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

Temperature is detected by a Ni 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	**1615**	25	**1114**
100	**1500**	20	**1091**
90	**1444**	15	**1068**
80	**1390**	10	**1045**
75	**1364**	5	**1022**
70	**1337**	0	**1000**
65	**1311**	-5	**978**
60	**1285**	-10	**956**
55	**1260**	-15	**935**
50	**1235**	-20	**914**
45	**1210**	-25	**893**
40	**1186**	-30	**872**
35	**1162**	-40	**831**
30	**1138**	-50	**791**

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		±0.5 °C (at 0 °C)
cable gland		IP67

Ordering guide:

Model	Product number	Description
TEKY6 NI 1000-LG	1178320	flying lead sensor, 1000 Ω Ni element
TEKY6S NI 1000-LG	1178340	flying lead 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).

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