DATA SHEET

TEKY6 PT1000

Produal

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FLYING LEAD TEMPERATURE SENSOR TEKY6 PT 1000

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

Temperature is detected by a Pt1000 sensor element with a nominal resistance of 1000 Ω at 0 °C.

The sensor element is inserted in a stainless steel sleeve. The rolled sleeve provides good protection against water and dust (IP 67).

Silicone cable version TEKY6S is available for more demanding conditions.



Technical data

Sensor		Pt1000 EN60751/B
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		±0.3 °C at 0 °C
Protection class		IP 67

Temperature / resistance

°C	Ω	°C	Ω
120	1460.6	25	1097.3
100	1385.0	20	1077.9
90	1347.0	15	1058.5
80	1308.9	10	1039.0
75	1289.8	5	1019.5
70	1270.7	0	1000.0
65	1251.6	-5	980.4
60	1232.4	-10	960.9
55	1213.2	-15	941.2
50	1194.0	-20	921.6
45	1174.7	-25	901.9
40	1155.4	-30	882.2
35	1136.1	-40	842.7
30	1116.7	-50	803.1

Ordering guide:

Model	Product number	Description
TEKY6 PT 1000	1174320	IP 67 flying lead sensor, Pt1000 element
TEKY6S PT 1000	1174340	IP 67 flying lead sensor, Pt1000 element, silicone cable

Products fulfil the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

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