

FLYING LEAD TEMPERATURE SENSOR TEKY4 PT 1000

TEKY4 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).



Technical data

Sensor	Pt1000 EN60751/B
Sleeve	Ø 4 mm x 30 mm, stainless steel
Cable	Ø 3.2 mm x 2.3 m, PVC
Range	-30...+80 °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
TEKY4 PT 1000	1174330	IP 67 flying lead sensor, Pt1000 element

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).