

TEKY PT1000 FLYING LEAD TEMPERATURE SENSOR

TEKY PT1000 temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a Pt1000 element with a nominal resistance of 1000 $\Omega/0^{\circ}\text{C}$.

Sensor element is inserted in a sleeve of stainless steel.



Technical data:

Sensor	PT 1000 EN60751B
Sleeve	$\varnothing$ 6 mm x 30mm, stainless steel
Cable	$\varnothing$ 2.8 mm x 2 m, PVC
Range	-30...80 $^{\circ}\text{C}$
Accuracy	$\pm 0.3^{\circ}\text{C}$ (at 0 $^{\circ}\text{C}$)

Temperature/Resistance:

$^{\circ}\text{C}$	PT 1000 / Ω	$^{\circ}\text{C}$	PT 1000 / 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
TEKY PT 1000	1174140	flying lead sensor 1000 ohm / 0 $^{\circ}\text{C}$

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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