

OUTDOOR TEMPERATURE SENSOR TEU PT 1000

TEU PT 1000 temperature sensor is made for automatic HVAC systems to detect outdoor temperature.

Temperature is detected by a Pt1000 element.

Housing is made of weather-proof plastic.

The screw cover and the terminal blocks tilted to 45° make an easy installation.

Sensor is mounted on the wall by means of screws through the lugs on the bottom.



Technical data:

Sensor	Pt1000 EN 60751/B
Housing	weather-proof plastic
Protection class	IP 54, cable entry down
Cable entry	M16
Range	-50...50 °C
Accuracy	± 0,3 °C (at 0 °C)
Mounting	Ø 4,5mm screws hole distance 82 mm

Temperature / resistance -table:

°C	Pt 1000 / Ω	°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
TEU PT 1000	1174090	outdoor sensor 1000 ohm / 0°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).