

REMOTE CONTROL UNIT TEHR PT1000-P

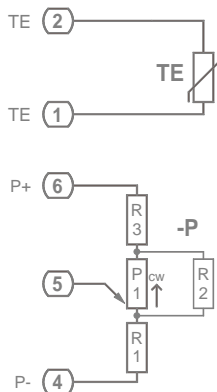
Remote control unit TEHR Pt1000-P is made for detecting and controlling the room temperature.

The sensor of the unit is connected to the sensor input of the controller and the setpoint is adjusted by the potentiometer for desired temperature.

Housing is made for surface mounting, but also for a round standard flush mounting box.

The proper potentiometer (1kΩ...22kΩ), resistors and possible accessories are to be specified on order.

Wiring:



Selection of potentiometer and fitting resistors

-P standard values	1k0	4k7	10k	22k
P1 Potentiometer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Fitting resistors		(Select minimum R1 = 0 ohm)
R3	ohm	Resistors are available from E96 series
R2	ohm	
R1	ohm	

TE: Temperature/Resistance:

°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



Technical data:

Sensor	Pt1000 EN 60751/B
Range	0...50 °C
Accuracy	± 0.3 °C (at 0 °C)
Adjusting	+/-
Housing	IP 20
Dimensions w x h x d	86 x 85 x 32 mm

Wiring:

1	sensor
2	sensor
3	not in use
4	potentiometer -
5	potentiometer (output)
6	potentiometer +

Ordering guide:

Model	Product number	Description
TEHR PT 1000-P	1174230	room temperature sensor + potentiometer 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).

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