

ROOM TEMPERATURE SENSOR TEHR NI 1000-LG-P

Remote control unit TEHR NI 1000-LG-P is made for detecting and controlling of the room temperature.

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

The unit can be mounted on the wall or on the standard flush mounting box (60 mm hole distance).

The proper potentiometer (1...10 k Ω), resistors and possible accessories are to be specified on order.

Temperature / resistance – table:

LT °C	Ni1000LG/ Ω	LT °C	Ni1000LG/ Ω
120	1616,4	25	1114,0
100	1500,0	20	1090,7
90	1444,4	15	1067,6
80	1390,1	10	1044,8
75	1363,5	5	1022,3
70	1337,1	0	1000,0
65	1311,1	-5	978,0
60	1285,4	-10	956,2
55	1260,1	-15	934,7
50	1235,0	-20	913,5
45	1210,2	-25	892,5
40	1185,7	-30	871,7
35	1161,5	-40	830,8
30	1137,6	-50	790,9



Technical data

sensor	Ni1000-LG
range	0...50 °C
accuracy	$\pm 0,5$ °C (at 0 °C)
housing	IP20
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 NI 1000-LG-P	1178230	room temperature sensor with set point potentiometer; 1000 Ω / 0 °C

Products fulfill 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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