

TEHR NTC 10-P REMOTE CONTROL UNIT

TEHR NTC 10-P is made for detecting and controlling room temperatures.

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.

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

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

Temperature / Resistance:

$^{\circ}\text{C}$	Ω	$^{\circ}\text{C}$	Ω
120	389.0	25	10000.0
100	680.0	20	12490.0
90	917.7	15	15710.0
80	1258.0	10	19900.0
75	1480.0	5	25400.0
70	1752.0	0	32650.0
65	2082.0	-5	42340.0
60	2488.0	-10	55330.0
55	2968.0	-15	72980.0
50	3603.0	-20	97070.0
45	4368.0	-25	130400.0
40	5327.0	-30	177000.0
35	6532.0	-40	336500.0
30	8057.0	-50	670100.0



Technical data:

sensor	NTC 10 element
range	0...50 $^{\circ}\text{C}$
accuracy	± 0.2 $^{\circ}\text{C}$ (at 25 $^{\circ}\text{C}$)
adjusting	$\pm 0...3$ $^{\circ}\text{C}$
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 NTC 10-P	1175230	room temperature sensor + potentiometer 10k Ω / 25 $^{\circ}\text{C}$

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-2001: 6 (Emission) and EN61000-3-2001: 2 (Immunity).