

TEHR NTC20-P REMOTE CONTROL UNIT

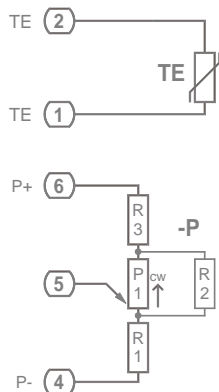
TEHR NTC20-P is made for detecting and controlling room temperatures.

The sensor of the unit is connected to the sensor input of the controller and the 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 (1k Ω ...22k Ω), 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)	Resistors are available from E96 series
R3	ohm	
R2	ohm	
R1	ohm	

Temperature / Resistance:

°C	NTC 20 / Ω	°C	NTC 20 / Ω
120	609	25	20000
100	1114	20	25350
90	1541	15	32346
80	2166	10	41567
75	2585	5	53812
70	3099	0	70203
65	3732	-5	92322
60	4517	-10	122431
55	5494	-15	163777
50	6718	-20	221088
45	8259	-25	301297
40	10211	-30	414698
35	12698	-40	810861
30	15887	-50	1659082



Technical data:

Sensor	NTC20 thermistor
Range	0...50 °C
Accuracy	± 0.2 °C (at 25 °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 NTC20-P	1176230	room temperature sensor + potentiometer 20kohm / 25 °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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