

## ROOM TEMPERATURE SENSOR TEHR NTC 2.2

TEHR NTC 2.2 sensor is made for room temperature detections.

Temperature is detected by a NTC sensor element with a nominal resistance of 2.2 k $\Omega$  at 25 °C.

### Sensor resistance at different temperatures:

°C	$\Omega$	°C	$\Omega$
120	90	25	2252
100	153	20	2813
90	207	15	3538
80	283	10	4482
75	334	5	5718
70	395	0	7353
65	469	-5	9533
60	560	-10	12 460
55	673	-15	16 428
50	811	-20	21 860
45	984	-25	29 398
40	1200	-30	39 908
35	1471	-40	75 953
30	1814	-50	151 470



### Technical data:

Sensor	NTC 2.2, 2.2 k $\Omega$ at 25 °C
Range	0...+50 °C
Accuracy	$\pm$ 0.25 °C at 25 °C
Housing	ABS plastic, IP20
Mounting	on the wall or on the standard flush mounting box (60 mm hole distance)
Dimension (w x h x d)	86 x 85 x 30 mm

### Ordering guide:

Model	Product number	Description
TEHR NTC 2.2	1172190	room temperature sensor, NTC 2.2 element
<b>Options:</b>		
TEHR-S	1170080	push button (no / nc) 24 Vac/dc
TEHR-S5	1170090	5-position switch
TEHR-L	1170100	LED-lamp (24 V)
TEHR-N	1171140	display

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