

## ROOM TEMPERATURE SENSOR TEHR NI 1000

TEHR NI 1000 sensor is made for temperature detection in automatic ventilation systems.

Temperature is detected by a Ni sensor element with a nominal resistance of 1 k $\Omega$  at 0 °C.

### Sensor resistance at different temperatures:

°C	$\Omega$	°C	$\Omega$
120	1760	25	1141
100	1618	20	1112
90	1549	15	1084
80	1483	10	1056
75	1450	5	1028
70	1417	0	1000
65	1385	-5	973
60	1353	-10	946
55	1322	-15	919
50	1291	-20	893
45	1260	-25	867
40	1230	-30	842
35	1200	-40	791
30	1171	-50	743



### Technical data:

Sensor	Ni 1000 element, 1 k $\Omega$ at 0 °C
Range	0...+50 °C
Accuracy	$\pm$ 0.4 °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 NI 1000	117C190	room temperature sensor, Ni 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).