

## ROOM TEMPERATURE SENSOR TEHR NTC 10-AN

TEHR NTC 10-AN room temperature sensors are designed for temperature detection of indoor spaces.

Temperature is detected by a NTC sensor element with a nominal resistance of 10 k $\Omega$  at 25 °C.

### Sensor resistance at different temperatures:

°C	$\Omega$	°C	$\Omega$
120	483	25	10 000
100	817	20	12 268
90	1084	15	15 136
80	1458	10	18 787
75	1700	5	23 462
70	1990	0	29 490
65	2339	-5	37 316
60	2760	-10	47 549
55	3271	-15	61 030
50	3893	-20	78 930
45	4656	-25	102 890
40	5594	-30	135 233
35	6754	-40	239 831
30	8197	-50	441 667



### Technical data:

sensor	NTC 10-AN, 10 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 10-AN	117H190	room temperature sensor, NTC 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).