

# NCSTER1

## Room Temperature Sensor



### Product Description

#### Room Temperature Sensor

The room temperature sensor NCSTER1 is an accurate NTC10 type temperature detector, designed for temperature measurement of indoor spaces. Temperature is detected by an NTC thermistor with nominal resistance of 10 k $\Omega$ /25°C.

#### Installation

The product features include a universal back plate to mount to any wall box or may be flush mounted. For the most accurate results, units should be mounted on an inside wall to a wall box, away from any supply air exhausts and other sources of heat or cold.

#### Application

The stylish casing of the product makes it ideal for any indoor space.

### Ordering Codes

NCSTER1	Room Temperature Sensor
NCSTER1P	Room Temperature Sensor optional with potentiometer
NCSTER1LCD	Room Temperature Sensor optional with display
NCSTER1PLCD	Room Temperature Sensor optional with potentiometer and display

### Features & Benefits

- ▶ Stylish Room Temperature Sensor
- ▶ Accurate NTC10 Type Thermistor with Nominal Resistance of 10 k $\Omega$  / 25°C
- ▶ Installer-friendly Wiring Access
- ▶ Available also with Potentiometer and Display (options)

### Temperature / Resistance Table

C	NTC 10 / $\Omega$	C	NTC 10 / $\Omega$
120	389.0	25	10000.0
100	679.0	20	12493.0
90	916.0	15	15714.0
80	1256.0	10	19903.0
75	1480.0	5	25395.0
70	1751.0	0	32650.0
65	2082.0	-5	42314.0
60	2487.0	-10	55298.0
55	2985.0	-15	72895.0
50	3601.0	-20	96974.0
45	4366.0	-25	130243.0
40	5324.0	-30	176683.0
35	6530.0	-40	335671.0
30	8056.0	-50	670100.0

### Technical Information

<b>Nominal Resistance</b>	10 k $\Omega$ / 25 °C
<b>Range</b>	-40 ... 125 °C
<b>Accuracy</b>	$\pm$ 0.2 °C / 25°C
<b>Material</b>	ABS plastic
<b>Protection Class</b>	IP65
<b>Dimensions (mm)</b>	86 X 86 X 32