

NCSTE1 Immersion 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 Ω /25°C.

Applications

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

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.

Ordering Codes

NCSTEW1	Immersion Temperature Sensor
NCSTW1	Immersion Temperature Sensor (Compliant Thermowell)

Features & Benefits

- ▶ Immersion Type Temperature Sensor
- ▶ Accurate NTC10 Type Thermistor with Nominal Resistance of 10 k Ω / 25°C.
- ▶ Selectable Probe Lengths
- ▶ Easily Fitted to Thermowell
- ▶ Suitable for any HVAC Application

Temperature / Resistance Table

C	NTC 10 / Ω	C	NTC 10 / Ω
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		

Technical Information

Sensor Type	10 k Ω Thermistor
Nominal Resistance	10 k Ω / 25°C
Range	-40 ... 125°C
Accuracy	\pm 0.2°C / 25°C
Probe Lengths	101.6 mm (4") default length 152.4 mm (6")
Probe Material	Stainless Steel 304
Enclosure Material	ABS plastic
Thermowell Material	Stainless Steel 304
Protection Class	IP65