

NCSTEFL1

Flying Lead Temperature Sensor



Product Description

Flying Lead Temperature Sensor

The flying lead temperature sensor NCSTEFL1 is an accurate NTC10 type temperature detector, designed for temperature measurement of HVAC applications. Temperature is detected by an NTC thermistor with nominal resistance of 10 k Ω /25°C.

Protection

Sensor element is inserted in a sleeve of stainless steel, which gives good protection against water and dust (IP67).

Installation

The single point sensor can be used in all HVAC applications, especially in very small spaces or for unobtrusive installations.

Features & Benefits

- ▶ Accurate NTC10 Type Thermistor with Nominal Resistance of 10 k Ω / 25°C
- ▶ Sensor element is inserted into a sleeve of stainless steel
- ▶ The single point sensor can be used in very small spaces or for unobtrusive installations

Temperature / Resistance Table

C	NTC 10 / Ω	C	NTC 10 / Ω
120	389.0	25	10000.0
100	679.0	20	12490.0
90	916.0	15	15710.0
80	1256.0	10	19900.0
75	1480.0	5	25400.0
70	1751.0	0	32650.0
65	2082.0	-5	42340.0
60	2488.0	-10	55340.0
55	2986.0	-15	72980.0
50	3602.0	-20	97120.0
45	4368.0	-25	130400.0
40	5326.0	-30	177000.0
35	6532.0	-40	337270.0
30	8055.0	-50	672600.0

Technical Information

Sensor	10 k Ω NTC Element
Nominal Resistance	10 k Ω / 25 °C
Range	-530 ... 80 °C
Accuracy	\pm 0.2 °C / 25°C
Sleeve	\varnothing 4 mm x 30 mm, stainless steel
Cable	\varnothing 3.2 mm x 2.3 m, PVC
Protection Class	IP67, cable gland

Ordering Codes

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