

> Wall mounted room temperature sensors

Sensors - room - temperature



Characteristics

- widely applicable
- easy installation
- modern design
- maintenance-free

Widely applicable

The sensor is widely applicable for temperature measurements in building control systems (in both residential and commercial environments) and control panels.

Various versions

Versions are available with active or passive outputs. The passive output versions are available with an NTC10K or an Ni1000TK5000 sensor. It is preferable to use a NTC10K sensor. The Ni1000TK5000 sensor is only available for existing projects to replace another Ni1000TK5000 sensor.

Easy installation

Thanks to its flip-top lid, the sensor can be easily opened and closed and can be quickly installed in any location.

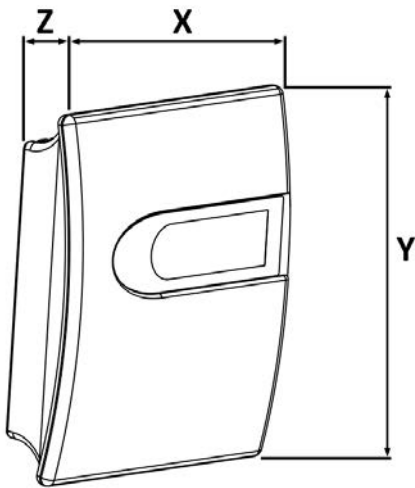
Modern design

Its modern design means that the sensor will fit into almost any interior and can therefore be suspended in a visible position.

Specifications

General		
Article description	Wall mounted room temperature sensor NTC10K	Wall mounted temperature sensor Ni1000TK5000
Article number	111262	111263 ¹
Sensor type	NTC 10k	Ni1000TK5000
Dimensions (XYZ)	85 x 100 x 26 mm	
Weight	50 grams	
Housing	polycarbonate, UL94HB approved	
Colour	cover: RAL 9003 (signal white) housing: RAL 7035 (light grey)	
Electrical connection	screw connector max 1.5 mm ² (AWG 16)	
IP code	IP30	
Permissible operating temperature	-5 ... 55 °C	
Permissible temperature during storage	-25 ... 60 °C	

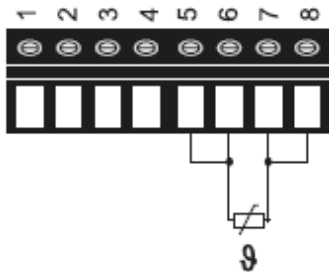
¹ Only available for replacing another Ni1000TK5000 sensor.



Passive temperature sensor	111262	111263
Sensor type	NTC10K	Ni1000TK5000 DIN B
Nominal resistance	R ₀₂₅ : 10 kΩ ± 0.5%	R ₀ : 1000 Ω
Sensitivity	B _{25/85} 3989 K (B _{25/50} : 3950 K ± 1.0%)	TC: 5000 ppm/K
Standard	-	DIN 43760

Regulations and standards		
Europe		<ul style="list-style-type: none"> EN61326-1 EN61326-2-3
USA / Canada		FCC Part15 Class B ICES-003 Class 3

Wiring diagram



Passive output

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