

Q-ROOM AERO

Room Temperature Sensor
Low Profile Attractive Enclosure

FEATURES

- Attractive, streamlined, low-profile ABS enclosure
- Patent Pending Quick Connect System eliminates wire nuts
- High airflow and extremely fast response
- Built-in level
- NTC thermistors and RTD elements available
- CE & RoHS compliant
- 5 year limited warranty
- Made in the USA

GENERAL INFORMATION

High quality, injection-molded plastic indoor room temperature sensor. Sleek, low profile enclosure. Patent Pending Quick Connect System that eliminates wire nuts for a faster more reliable installation, and reduces installation costs. Available measuring elements interface with all control manufacturers. Accurate interchangeable thermistors and RTD's ensure low drift and are guaranteed for the highest reliability.

SPECIFICATIONS

Enclosure:	Injection-molded ABS
Cover:	Quick snap, injection-molded ABS
Mounting:	Quick mount bracket system with snap in place to housing. Fits standard single gang box or mount directly to wall. Built in level for easy accurate installation.
Connection:	AWG 22-16 / 0.35—1.5mm ² spring-loaded, patent-pending Quick Connect System
Sensor Element:	Interchangeable NTC thermistor, 2-wire RTD Pt1000, 2 wire RTD Ni1000-891, 2 wire
Sensor Value:	NTC 10K Ohm type 2 @ 25°C / 77°F NTC 10K Ohm type 3 @ 25°C / 77°F NTC 20K Ohm @ 25°C / 77°F NTC 3K Ohm @ 25°C / 77°F RTD Pt1000 1000 Ohm @ 0°C / 32°F RTD Ni1000-891 891 Ohm @ 0°C / 77°F



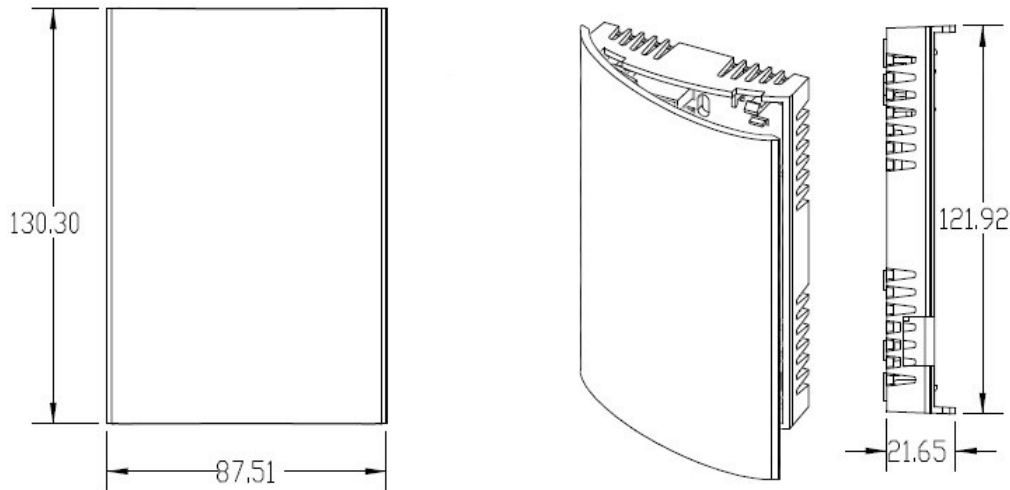
SPECIFICATIONS CONT.

Accuracy: NTC thermistor $0...70^{\circ} \pm 0.2^{\circ}\text{C} / 32...158^{\circ}\text{F} \pm 0.36^{\circ}\text{F}$
Pt1000 Class B IEC751, $\pm 0.3^{\circ}\text{C} / \pm 0.5^{\circ}\text{F} @ 0^{\circ}\text{C} / 32^{\circ}\text{F}$
Ni1000 DIN 43760, $\pm 0.5^{\circ}\text{C} / \pm 0.9^{\circ}\text{F} @ 0^{\circ}\text{C} / 32^{\circ}\text{F}$

Range: $-40...50^{\circ}\text{C} / -40...122^{\circ}\text{F}$

Approval: CE & RoHS compliant
Warranty: 5 year limited warranty
Accessories: Optional customer logo printed on cover

DIMENSIONS (in mm)



ORDERING INFORMATION

Part #	10K type 2
THTRAA00	Q-Room Aero, 10K type2
Part #	10K type 3
THTRAB00	Q-Room Aero, 10K type3
Part #	20K
THTRAC00	Q-Room Aero, 20K
Part #	3K
THTRAD00	Q-Room Aero, 3K
Part #	Pt1000
THTRAE00	Q-Room Aero, Pt1000
Part #	Ni1000
THTRAF00	Q-Room Aero, Ni1000

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