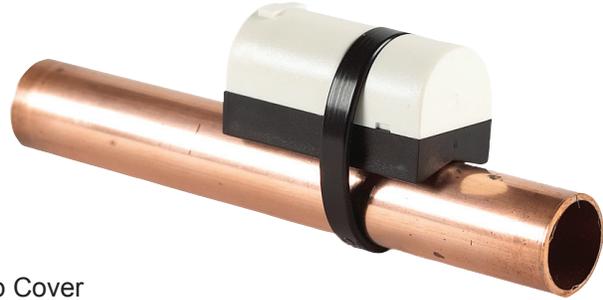


# **Q-STRAP MINI**

## Strap-On Temperature Sensor



### FEATURES

- Durable IP54 injection-molded enclosure with Quick Snap Cover
- Small compact design
- Spring loaded contact surface
- Patent Pending Quick Connect System eliminates wire nuts
- NTC thermistors and RTD elements available
- Compatible with any Control System
- Optional 1/2" NPT conduit adapter
- CE & RoHS compliant
- 5 Year Limited Warranty
- Assembled in USA

### GENERAL INFORMATION

High quality, Pipe Mounted Strap-On Temperature Sensor in an injection-molded plastic enclosure provides a cost-effective solution as an alternative for traditional immersion sensors in both commercial and industrial applications.

Available measuring elements interface with all major control manufacturers. Accurate interchangeable thermistors and RTD's ensure low drift and are double encapsulated to guarantee the highest reliability.

The spring-loaded contact surface adjusts automatically to different pipe sizes and uneven surfaces. The Quick Snap Cover and patent pending Quick Connect System make installation easy and reduce installation costs.

### SPECIFICATIONS

- Enclosure: IP54, injection-molded polycarbonate  
Cover: Quick Snap, injection-molded polycarbonate  
Mounting: Heat-resistant strap included for up to 3 1/2" diameter pipe
- Connection: 2-pole AWG 22-16 / 0.35 - 1.5mm<sup>2</sup> 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 10KOhm type 2 @ 25°C / 77°F  
NTC 10KOhm type 3 @ 25°C / 77°F  
NTC 20KOhm @ 25°C / 77°F  
NTC 3KOhm @ 25°C / 77°F  
RTD Pt1000 1000Ohm @ 0°C / 32°F  
RTD Ni1000-891 891Ohm @ 0°C / 32°F  
(Other elements on request)

## SPECIFICATIONS CONT.

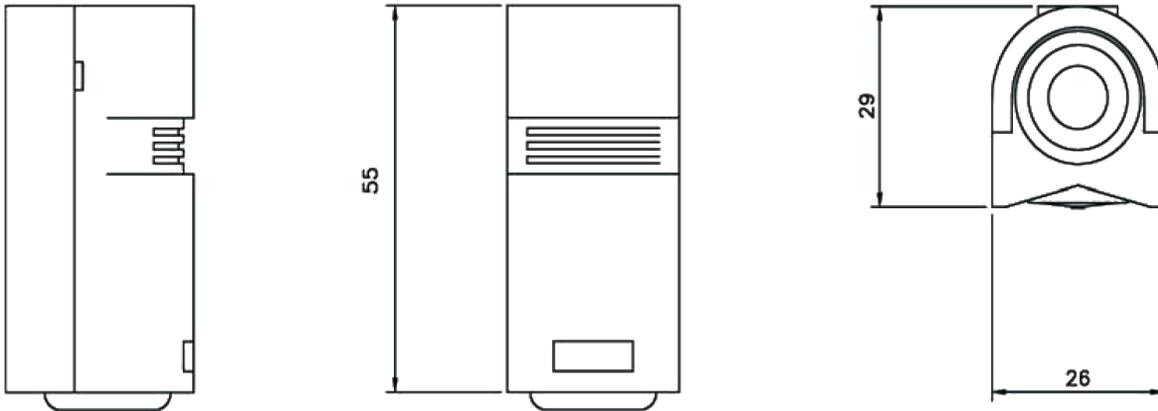
Accuracy: NTC thermistor  $0...70^{\circ}\text{C} \pm 0.2^{\circ}\text{C} / 32...158^{\circ}\text{F} \pm 0.36^{\circ}\text{F}$   
Pt1000 Class B IEC751,  $\pm 0.3^{\circ}\text{C} / \pm 0.5^{\circ}\text{F} @ 0^{\circ}\text{C} / 32^{\circ}\text{F}$   
Ni1000 DIN 43760,  $\pm 0.5^{\circ}\text{C} / \pm 0.9^{\circ}\text{F}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

Range:  $0...90^{\circ}\text{C} / -4...194^{\circ}\text{F}$

Approval: CE & RoHS compliant  
Warranty: 5 year limited warranty

Accessories: 1/2" NPT conduit adapter  
Strap for pipes larger than 3 1/2" diameter

## DIMENSIONS (in mm)



## ORDERING INFORMATION

<b>Part #</b>	<b>10K type 2</b>
THTSPA00	Q-Strap Pipe Sensor w/ heat resistant strap 10K type 2, ip54
<b>Part #</b>	<b>10K type 3</b>
THTSPB00	Q-Strap Pipe Sensor w/ heat resistant strap 10K type 3, ip54
<b>Part #</b>	<b>20K</b>
THTSPC00	Q-Strap Pipe Sensor w/ heat resistant strap 20K, ip54
<b>Part #</b>	<b>3K</b>
THTSPD00	Q-Strap Pipe Sensor w/ heat resistant strap 3K, ip54
<b>Part #</b>	<b>Pt1000/B</b>
THTSPE00	Q-Strap Pipe Sensor w/ heat resistant strap PT1000, ip54
<b>Part #</b>	<b>Ni1000</b>
THTSPF00	Q-Strap Pipe Sensor w/ heat resistant strap Ni1000, ip54

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