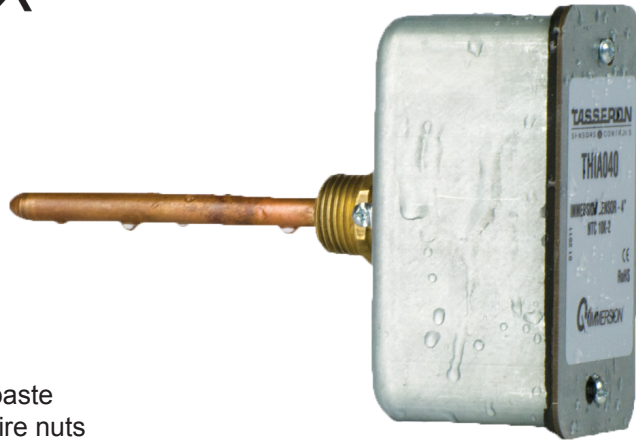


Q-IMMERSION BOX

Immersion Temperature Sensor

FEATURES

- Galvanized steel enclosure with quick attach cover
- AISI 316 stainless steel temperature probe
- Complete with 1/2" NPT brass/copper or stainless steel immersion well or brass adapter
- Includes conveniently packaged syringe of thermal paste
- Patent Pending Quick Connect System eliminates wire nuts
- NTC thermistors and RTD elements available
- Compatible with any Control System
- CE & RoHS compliant
- 5 Year Limited Warranty
- Made in the USA



GENERAL INFORMATION

High quality Immersion Temperature Sensor with IP40 galvanized steel enclosure and stainless steel AISI 316 probe for both commercial and industrial applications.

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

The sensor comes with a 1/2" NPT brass/copper or stainless steel immersion well for corrosive applications. The dual-slotted foamed cover and patent pending Quick Connect System make installation easy and reduce installation costs.

SPECIFICATIONS

Enclosure:	IP40, 18 gauge / 1.2mm galvanized steel (IP54 version on request)
Cover:	Quick attach dual slotted galvanized steel cover
Mounting:	1/2" NPT brass/copper immersion well 1/2" NPT stainless steel immersion well 1/2" NPT brass adapter (Machined high pressure stainless steel wells on request)
Probe Length:	4"
Probe Material:	6mm ($\pm 1/4"$) AISI 316 stainless steel
Connection:	2-pole 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

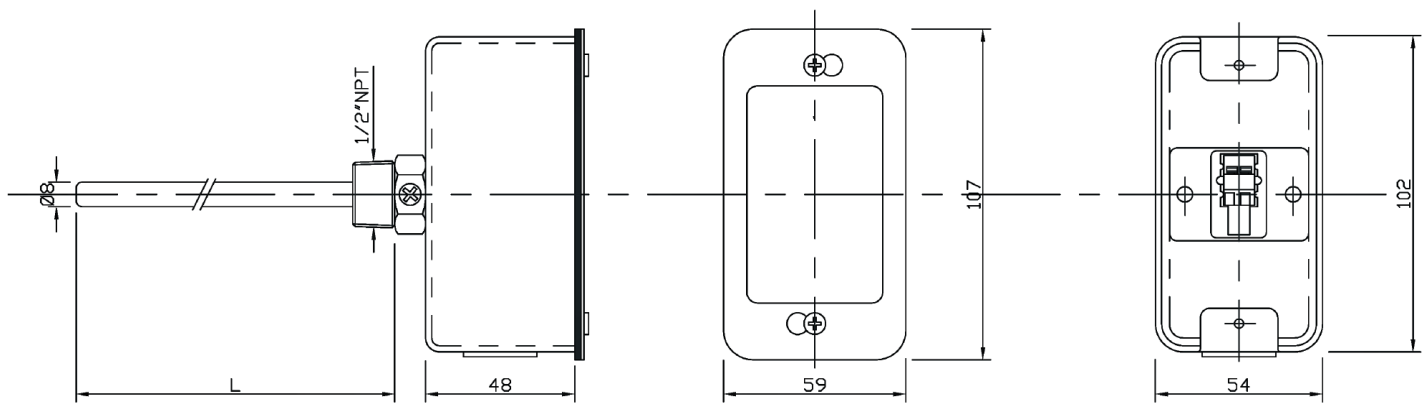
SPECIFICATIONS CONT.

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)

Accuracy: NTC thermistor 0...70°C ± 0.2°C / 32...158°F ± 0.36°F
Pt1000 Class B IEC751, ± 0.3°C / ± 0.5°F @ 0°C / 32°F
Ni1000 DIN 43760, ± 0.5°C / ± 0.9°F @ 0°C / 32°F

Range: -40...125°C / -40...257°F
Approval: CE & RoHS compliant
Warranty: 5 year limited warranty
Accessories: Machined stainless steel immersion wells
IP54 weather proof grommet
10 piece pack of thermal paste
1/2" NPT brass adapter

DIMENSIONS (in mm)



ORDERING INFORMATION

Part # 10K type 2

THTIGA4B Q-Immersion Box 10K type 2, 4" Probe, with brass well & paste, ip40
THTIGA4S Q-Immersion Box 10K type 2, 4" Probe, SS well & paste, ip40
THTIGA4A Q-Immersion Box 10K type 2, 4" w/ 1/2" NPT Brass Adapter, ip40

Part # 10K type 3

THTIGB4B Q-Immersion Box 10K type 3, 4" Probe, with brass well & paste, ip40
THTIGB4S Q-Immersion Box 10K type 3, 4" Probe, SS well & paste, ip40
THTIGB4A Q-Immersion Box 10K type 3, 4" w/ 1/2" NPT Brass Adapter, ip40

ORDERING INFORMATION CONT.

Part # 20K

THTIGC4B Q-Immersion Box 20K, 4" Probe, with brass well & paste, ip40
THTIGC4S Q-Immersion Box 20K, 4" Probe, SS well & paste, ip40
THTIGC4A Q-Immersion Box 20K, 4" w/ 1/2" NPT Brass Adapter, ip40

Part # 3K

THTIGD4B Q-Immersion Box 3K, 4" Probe, with brass well & paste, ip40
THTIGD4S Q-Immersion Box 3K, 4" Probe, SS well & paste, ip40
THTIGD4A Q-Immersion Box 3K, 4" w/ 1/2" NPT Brass Adapter, ip40

Part # Pt1000/B

THTIGE4B Q-Immersion Box Pt1000, 4" Probe, with brass well & paste, ip40
THTIGE4S Q-Immersion Box Pt1000, 4" Probe, SS well & paste, ip40
THTIGE4A Q-Immersion Box Pt1000, 4" w/ 1/2" NPT Brass Adapter, ip40

Part # Ni1000

THTIGF4B Q-Immersion Box Ni1000, 4" Probe, with brass well & paste, ip40
THTIGF4S Q-Immersion Box Ni1000, 4" Probe, SS well & paste, ip40
THTIGF4A Q-Immersion Box Ni1000, 4" w/ 1/2" NPT Brass Adapter, ip40

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