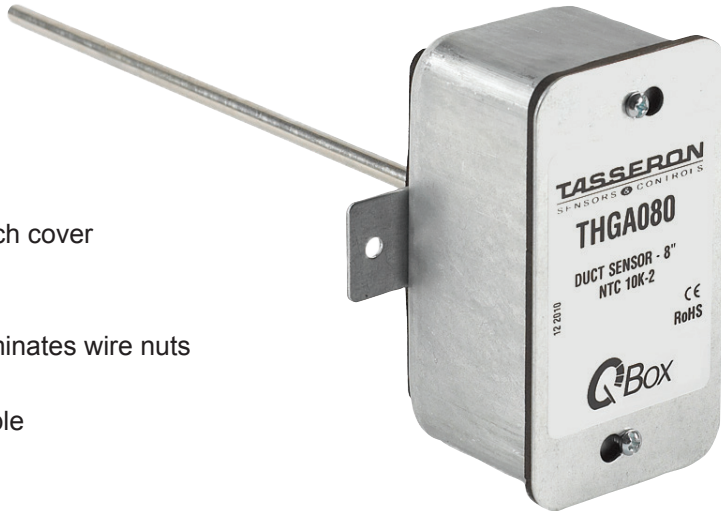


Q-DUCT BOX

Duct Temperature Sensor Galvanized Steel Enclosure

FEATURES

- Galvanized steel enclosure with Quick Attach cover
- Available in 4" / 6" / 8" / 12" / 18" lengths
- AISI 316 stainless steel temperature probe
- Patent Pending Quick Connect System eliminates wire nuts
- Full anti-vibration pad on front of box
- 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 universal Duct Temperature Sensor with 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 dual insulated, high quality, closed cell foam ensures sealing of the probe insert and absorption of vibrations. The dual-slotted, Quick Attach foamed cover and patent pending Quick Connect System make installations easy and reduce installation costs.

SPECIFICATIONS

Enclosure:	IP40, 18 gauge / 1.2mm galvanized steel (IP54 version on request)
Cover:	Dual slotted galvanized steel Quick Attach cover
Mounting:	Integrated galvanized steel flange with two # 8 mounting holes
Probe Length:	4" / 6" / 8" / 12" / 18"
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 Ni1000-891, 2-wire

SPECIFICATIONS CONT.

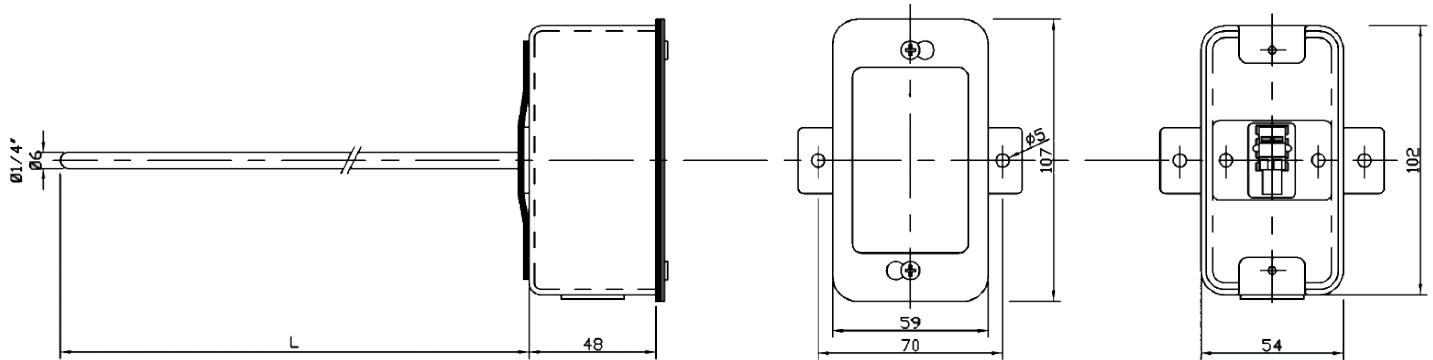
Sensor Value: NTC 10KOhm type 2 @ 25°C / 77°F
NTC 10KOhm type 3 @ 25°C / 77°F
NTC 20KOhm @ 25°C / 77°F
NTC 3KOhm @ 25°C / 77°F
RTD Pt1000 1000Ohm @ 0°C / 32°F
RTD Ni1000-891 891 Ohm @ 0C / 32 F
(Other elements on request)

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

DIMENSIONS (in mm)



ORDERING INFORMATION

Part #	10K type 2
THTDGA04	Q-Duct Box 10K type 2, 4" Probe, ip40
THTDGA06	Q-Duct Box 10K type 2, 6" Probe, ip40
THTDGA08	Q-Duct Box 10K type 2, 8" Probe, ip40
THTDGA12	Q-Duct Box 10K type 2, 12" Probe ip40
THTDGA18	Q-Duct Box 10K type 2, 18" Probe ip40

Part #	10K type 3
THTDGB04	Q-Duct Box 10K type 3, 4" Probe, ip40
THTDGB06	Q-Duct Box 10K type 3, 6" Probe, ip40
THTDGB08	Q-Duct Box 10K type 3, 8" Probe, ip40
THTDGB12	Q-Duct Box 10K type 3, 12" Probe, ip40
THTDGB18	Q-Duct Box 10K type 3, 18" Probe, ip40

Part #	20K
THTDGC04	Q-Duct Box 20K, 4" Probe, ip40
THTDGC06	Q-Duct Box 20K, 6" Probe, ip40
THTDGC08	Q-Duct Box 20K, 8" Probe, ip40
THTDGC12	Q-Duct Box 20K, 12" Probe, ip40
THTDGC18	Q-Duct Box 20K, 18" Probe, ip40

Part #	3K
THTDGD04	Q-Duct Box 3K, 4" Probe, ip40
THTDGD06	Q-Duct Box 3K, 6" Probe, ip40
THTDGD08	Q-Duct Box 3K, 8" Probe, ip40
THTDGD12	Q-Duct Box 3K, 12" Probe, ip40
THTDGD18	Q-Duct Box 3K, 18" Probe, ip40

Part #	Pt1000/B
THTDGE04	Q-Duct Box Pt1000, 4" Probe, ip40
THTDGE06	Q-Duct Box Pt1000, 6" Probe, ip40
THTDGE08	Q-Duct Box Pt1000, 8" Probe, ip40
THTDGE12	Q-Duct Box Pt1000, 12" Probe, ip40
THTDGE18	Q-Duct Box Pt1000, 18" Probe, ip40

Part #	Ni1000
THTDGF04	Q-Duct Box Ni1000, 4" Probe, ip40
THTDGF06	Q-Duct Box Ni1000, 6" Probe, ip40
THTDGF08	Q-Duct Box Ni1000, 8" Probe, ip40
THTDGF12	Q-Duct Box Ni1000, 12" Probe, ip40
THTDGF18	Q-Duct Box Ni1000, 18" Probe, ip40

Tasseron Sensors Inc.

140 Choate Circle

Montoursville, PA 17754

Tel: +1 (570) 601-1971

Fax : +1 (570) 601-1972

Email: sales@tasseronusa.com