

QwikFLANGE™

Duct / VAV Temperature Sensor

Features:

- Rugged injection-molded plastic mounting flange
- Available in 4" / 6" / 8" / 12" / 18" lengths
- AISI 316L stainless steel temperature probe
- Patent Pending Qwik Connect System eliminates wire nuts
- Installed anti-vibration pad on flange
- VAV option with 6', 9' or 12' plenum rated AWG 22 cable with ¼" connectors available
- NTC thermistors and RTD elements available
- Compatible with any Control System
- CE & RoHS compliant
- 5 Year Limited Warranty
- Assembled in USA



Description:

High quality universal Duct Temperature Sensor with injection-molded plastic flange and stainless steel AISI 316L probe provides a low-cost solution for both commercial and industrial applications where a sensor enclosure is not required.

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 installed, high quality, closed cell foam ensures sealing of the probe insert and absorption of vibration. The patent pending Qwik Connect System makes installation easy and reduces installation costs.

A VAV-version with plenum rated cable and connectors is available.

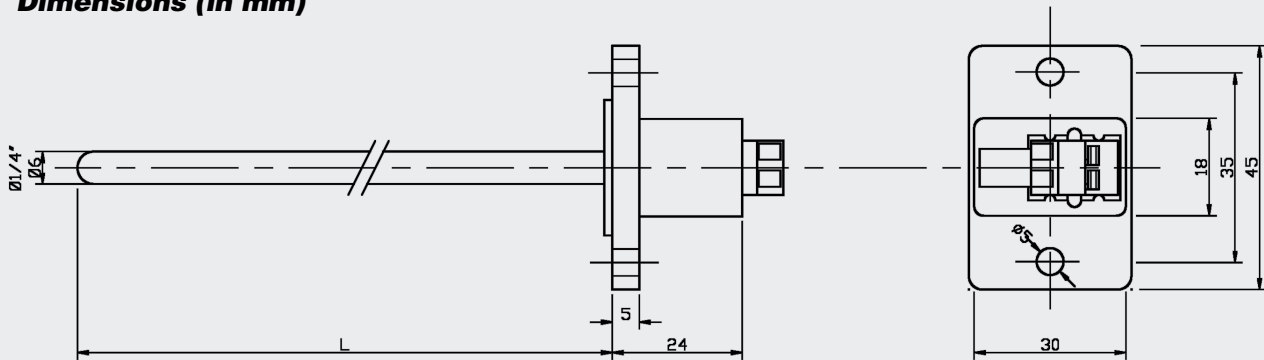




Specifications:

- Mounting:** Injection-molded 30% glass-filled nylon flange with two integrated # 8 mounting holes
- Probe Length:** 4" / 6" / 8" / 12" / 18"
- Probe Material:** 6mm (± 1/4") AISI 316L stainless steel
- Connection:** 2-pole AWG 22-16 / 0.35 - 1.5mm² spring-loaded, Patent Pending Qwik Connect System VAV-version with AWG 22 plenum rated cable and 1/4" connectors
- Sensor Element:** Interchangeable NTC thermistor, 2-wire
RTD Pt1000, 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 10000hm @ 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
- Range:** -40...105°C / -40...221°F
- Approval:** CE & RoHS compliant
- Warranty:** 5 year limited warranty
- Accessories:** VAV plenum rated AWG 22 cable with 1/4" connectors 6' / 9' / 12'

Dimensions (in mm)



QwikFLANGE™ Ordering Guide

Part #	NTC 10K type 2	Part #	NTC 3K
THFA040	Qwik Flange NTC 10K type 2 - 4"	THFD040	Qwik Flange NTC 3K - 4"
THFA060	Qwik Flange NTC 10K type 2 - 6"	THFD060	Qwik Flange NTC 3K - 6"
THFA080	Qwik Flange NTC 10K type 2 - 8"	THFD080	Qwik Flange NTC 3K - 8"
THFA120	Qwik Flange NTC 10K type 2 - 12"	THFD120	Qwik Flange NTC 3K - 12"
THFA180	Qwik Flange NTC 10K type 2 - 18"	THFD180	Qwik Flange NTC 3K - 18"
Part #	NTC 10K type 3	Part #	Pt1000/B
THFB040	Qwik Flange NTC 10K type 3 - 4"	THFE040	Qwik Flange Pt1000 - 4"
THFB060	Qwik Flange NTC 10K type 3 - 6"	THFE060	Qwik Flange Pt1000 - 6"
THFB080	Qwik Flange NTC 10K type 3 - 8"	THFE080	Qwik Flange Pt1000 - 8"
THFB120	Qwik Flange NTC 10K type 3 - 12"	THFE120	Qwik Flange Pt1000 - 12"
THFB180	Qwik Flange NTC 10K type 3 - 18"	THFE180	Qwik Flange Pt1000 - 18"
Part #	NTC 20K	Part#	Optional VAV Plenum Rated Cable
THFC040	Qwik Flange NTC 20K - 4"	THXVA06	6' Length with 1/4" Connectors
THFC060	Qwik Flange NTC 20K - 6"	THXVA09	9' Length with 1/4" Connectors
THFC080	Qwik Flange NTC 20K - 8"	THXVA12	12' Length with 1/4" Connectors
THFC120	Qwik Flange NTC 20K - 12"		
THFC180	Qwik Flange NTC 20K - 18"		

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SENSORS & CONTROLS