

Applications & Features

- These sensors/transmitters can be used for temperature measurement in duct air(T2N/TT2N), water and steam pipe(T4N/TT4N) and outside air(T3N/TT3N)
- High performance thermistor & RTD, ensure accurate temperature measurement
- Multiple output optional, Light and state of art housing, easy installation
- Over voltage and reverse polarity protection, high reliability and anti-interference capability
- Wide temperature range and fast response

Specifications

T2,3, 4N series temperature sensor

Sensor: High accuracy thermistor or RTD

Output: Thermistor /RTD, 2 wires or 3 wires

Accuracy: typical $\pm 0.2 \sim 0.4^{\circ}\text{C}@25^{\circ}\text{C}$, see models

Wiring: 2 wires or 3 wires (RTD) (3 wires connection could obtain better accuracy)

TT2, 3, 4N series temperature transmitter

Sensor: thermistor or RTD, see models

Range: see models

Output: 4~20mA (2 wires) or 0-10VDC, 0-5VDC

Output Load: $\leq 500\Omega$ (current), $\geq 2\text{K}\Omega$ (voltage 0-10VDC), $\geq 1\text{K}\Omega$ (voltage 0-5VDC)

Total accuracy: $\leq \pm 0.5^{\circ}\text{C}$, see accuracy curve

Power: Current 18.5~35VDC ($R_{load}=500\Omega$)

8.5~35VDC ($R_{load}=0\Omega$)

Voltage 15~35VDC, 15~28VAC

Work Temp.: $-40 \sim 85^{\circ}\text{C}$, 0~95%RH (Non condensing)

Medium Temperature: $-40 \sim 100^{\circ}\text{C}$

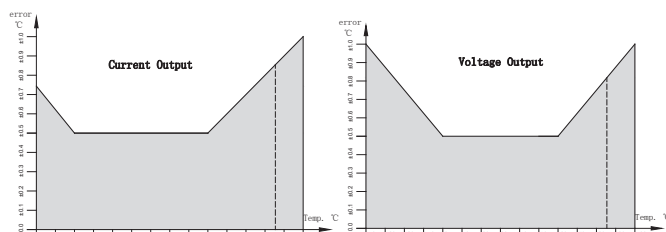
Storage Temperature: $-40 \sim 85^{\circ}\text{C}$

Housing: fireproof ABS, SS probe, SS Well

Protection: IP65

Approval: CE

Accuracy curve:



Models

T2, 3, 4N temperature sensors

Model	T2N			Duct mount temperature sensor
	T3N			Outside air temperature sensor
	T4N			Immersion temperature sensor
Thermistor or RTD		3		PT1000, $\pm 0.2^{\circ}\text{C}@25^{\circ}\text{C}$
		4		PT100, $\pm 0.2^{\circ}\text{C}@25^{\circ}\text{C}$
		5		NTC20K, $\pm 0.4^{\circ}\text{C}@25^{\circ}\text{C}$
		6		Ni 1000, $\pm 0.4^{\circ}\text{C}@25^{\circ}\text{C}$
		7		NTC10K-II, $\pm 0.4^{\circ}\text{C}@25^{\circ}\text{C}$
		9		NTC10K-III, $\pm 0.4^{\circ}\text{C}@25^{\circ}\text{C}$
		A		NTC10K-A, $\pm 0.4^{\circ}\text{C}@25^{\circ}\text{C}$
Length (T2N/T4N)		1		125mm
		2		200mm
		7		Others

TT2, 3, 4N series temperature transmitter

Model	TT2N			Duct mount temperature transmitter
	TT3N			Outside air temperature transmitter
	TT4N			Immersion temperature transmitter
Output		1		0~10V
		2		4-20mA(2 wires)
		E		0~5V
Range		1		0-50 $^{\circ}\text{C}$
		2		0-100 $^{\circ}\text{C}$
		3		-40-60 $^{\circ}\text{C}$
		7		others
Well Length (TT2/4N)		1		125mm
		2		200mm
		7		Others

T4N/TT4N Install Well

Model	A-T		Stainless Steel Well
Probe Length		1	125mm
		2	200mm