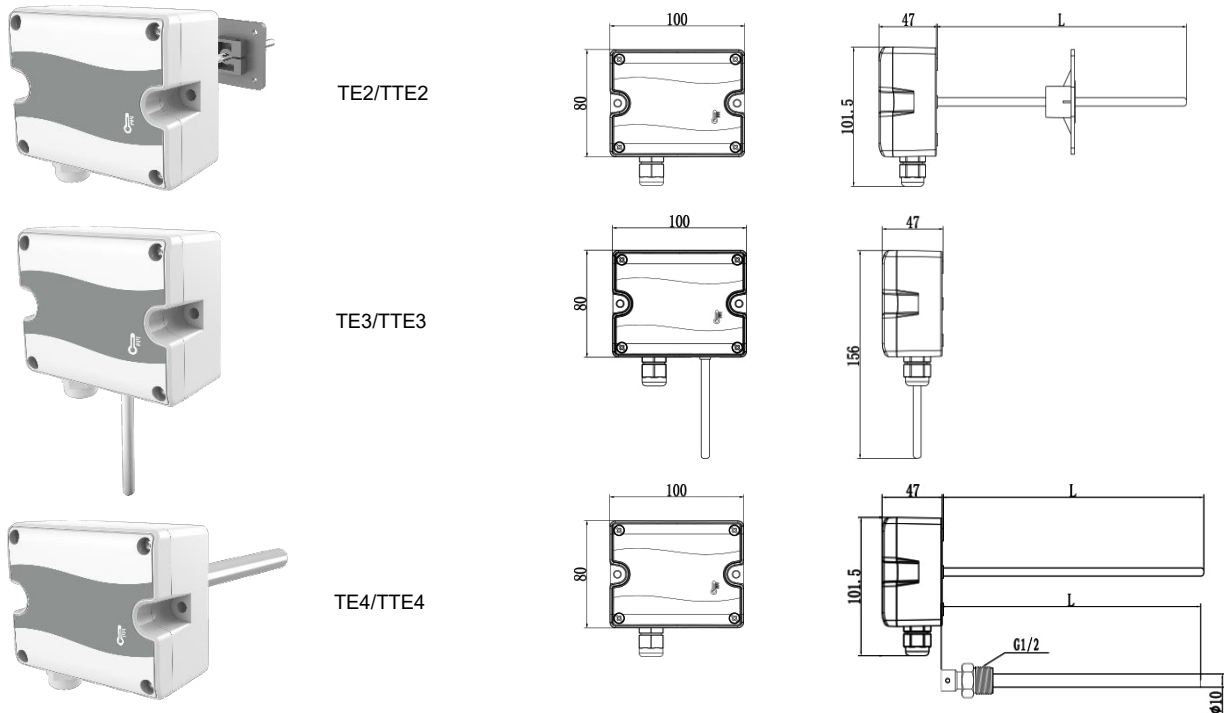


TE2,3,4 /TTE2,3,4 Temperature Sensor/Transmitter



Applications & Features

- TE2, TTE2 series duct temperature sensors/transmitters can be used for air temperature measurement in ducts of air conditioning and ventilation systems
- TE3, TTE3 series outdoor temperature sensors/transmitters can be used for outdoor ambient temperature measurement
- TE4, TTE4 series immersion temperature sensors/transmitters are used for liquid temperature measurement, such as chilled or cooling water or various process water systems. And there are matching wells for different pipe sizes
- Multiple Thermistors or RTD, current or voltage outputs selection, compatible with various automatic control systems
- Wide temperature range and fast response

Specifications

TE2,3,4 series temperature sensor

Sensor: High accuracy thermistor or RTD, see models

Output: Thermistor or RTD, see models and resistance table

Accuracy: Typical 0.2~0.5°C @ 25°C, see models

Wiring: TE2,3: 2 wires, TE4: 2 or 3 wires

TTE2,3,4 series temperature transmitter

Sensor: PT1000, Class A

Range: See models

Output: 4~20mA (2 wires) or 0-10VDC (3 wires)

Output Load: ≤500Ω (current), ≥2KΩ (voltage)

Accuracy: ≤±0.3°C @ 0~70°C, 24VDC, see accuracy curve

Power: 0-10V: 24VDC/24VAC±20%; 4-20mA: 24VDC±20%

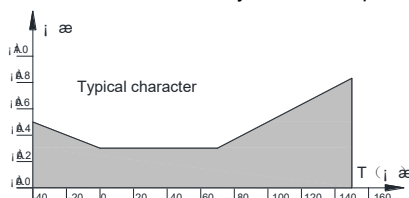
Work Temp.: -40~70°C, 0~95%RH (Non condensing)

Storage Temperature: -30~70°C

Housing: Fire retardant ABS+PC(UL94V-0)

Accuracy curve:

For resistance output sensors, the accuracy is the temperature sensor component accuracy; for current and voltage output transmitters, the accuracy is the transmitter accuracy when the input voltage is 24VDC.



Protection: IP65

Weight: TE2:330g; TE3:220g; TE4:490g; TTE2:330g; TTE3:240; TTE4:510g

Approval: CE

Models

TE2,3,4 temp. sensors

Model	TE2	TE3	TE4			
						Duct mount temperature sensor Outside air temperature sensor Immersion temperature sensor
Thermistor or RTD*				3		PT1000, ±0.2°C @25°C
				4		PT100, ±0.2°C @25°C
				5		NTC20K, ±0.2°C @25°C
				6		Ni1000, ±0.5°C @25°C
				7		NTC10K-II, ±0.2°C @25°C
				9		NTC10K-III, ±0.3°C @25°C
				A		NTC10K-A, ±0.3°C @25°C
Probe Length (TE2/4)				0		75mm
				1		125mm
				2		200mm
				7		Others

TTE2,3,4 temp. transmitter

Model	TTE2	TTE3	TTE4			
						Duct mount temperature transmitter Outside air temperature transmitter Immersion temperature transmitter
Output				1		0~10VDC (3 wires)
				2		4~20mA (2 wires)
Range				1		0~50°C
				2		0~100°C
				3		-40~60°C
				7		Others
Probe Length (TTE2/4)				0		75mm
				1		125mm
				2		200mm
				7		Others

Install Well (TE4/TTE4)

Model	A-T		Stainless Steel Well
Probe Length		0	75mm
		1	125mm
		2	200mm