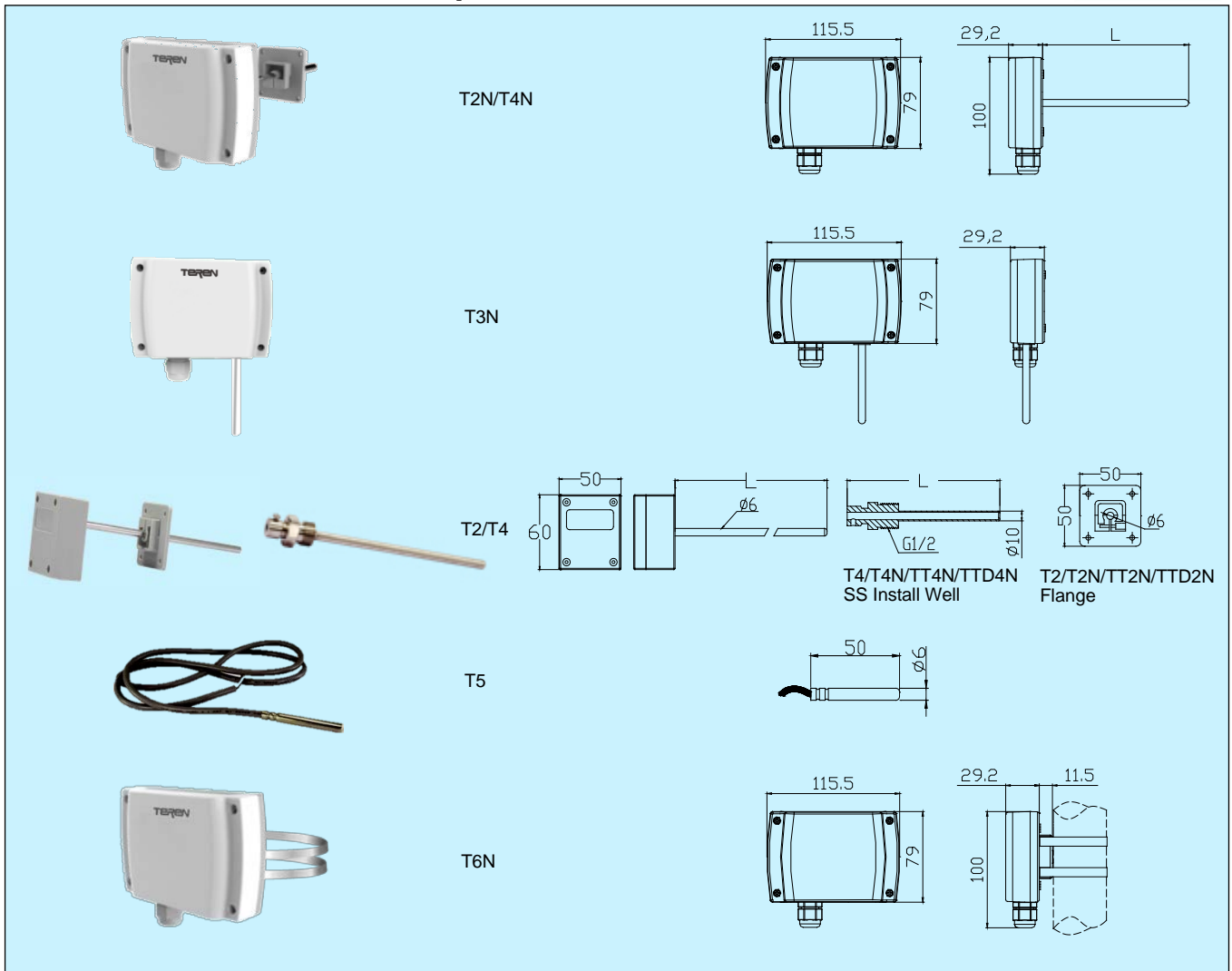


T2,4,5, T2,3,4,6N Series Temperature Sensor



Applications & Features

- Apply for temperature measurement in duct air(T2/T2N), water and steam pipe(T4/T4N), outside air(T3N) and insert or stick(T5) and strap-on(T6N)
- High performance thermistor & RTD, ensure accurate temperature measurement and long term stability
- Light and state of art housing, easy installation
- Multiple thermistor & RTD outputs selection
- Wide temperature range and fast response
- High protection rate up to IP65

Specifications

Sensor: High accuracy thermistor or RTD, see models

Output: thermistor or RTD, see models and resistance table

Accuracy: typical $\pm 0.2 \sim 0.5^{\circ}\text{C}@25^{\circ}\text{C}$, see models

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

Work Temp.(Whole product): $-40 \sim 70^{\circ}\text{C}$, $0 \sim 95\%\text{RH}$ (Non cond.)

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

Storage Temperature: $-30 \sim 70^{\circ}\text{C}$

Housing: fire retardant ABS(UL94V-0), SS probe ($\Phi 6\text{mm}$), SS Well

Cable (T5): Black, silicone, $2 \times 0.3\text{mm}^2$, 1m length, $-60 \sim 180^{\circ}\text{C}$,
 $R_{\text{conductor}}=0.069\Omega/\text{m}$, $R_{\text{insulation}} > 100\text{M}\Omega$ (25°C)

Strap on(T6N): stainless steel, diameter 15~150mm

Protection: IP65(IP68 for T5, 1m water depth)

Weight: T2:160g;T4:340g;T5:35g;T2N:270g;T3N:220g;
T4N:480g;T6N:150g

Approval: CE

Models

Model	T2/T2N T3N T4/T4N T5 T6N		Duct mount temperature sensor Outside air temperature sensor Immersion temperature sensor Cable temperature sensor Strap-on 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, $\pm 0.2^{\circ}\text{C}@25^{\circ}\text{C}$
		6	Ni 1000, $\pm 0.5^{\circ}\text{C}@25^{\circ}\text{C}$
		7	NTC10K-II, $\pm 0.2^{\circ}\text{C}@25^{\circ}\text{C}$
		9	NTC10K-III, $\pm 0.3^{\circ}\text{C}@25^{\circ}\text{C}$
		A	NTC10K-A, $\pm 0.3^{\circ}\text{C}@25^{\circ}\text{C}$
Length (T2/T2N/ T4/T4N)		0	75mm
		1	125mm
		2	200mm
		7	Others

1. See resistance table on page 1 of this catalog.

2. The standard cable of T5 is 1m. It can be ordered for other length of integer meters, such as T53-2, which means the cable length is 2 m.

3. T6N's accuracy is depending on the material of pipe, installation and ambient temperature, air velocity, etc., may not meet the above accuracy.

T4/T4N/TT4N/TTD4N Install Well

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