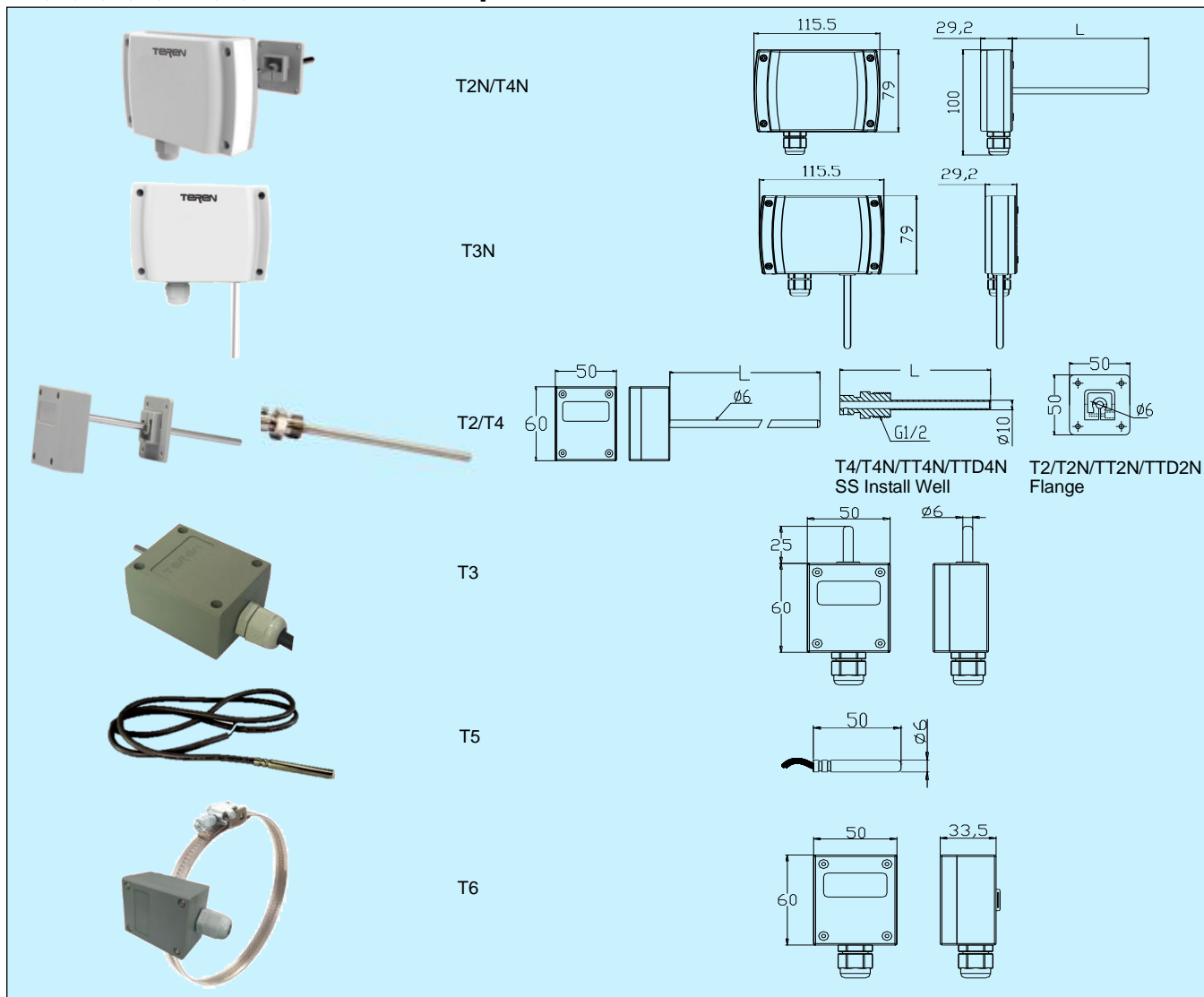


T2,3,4,5,6, T2,3,4N Series Temperature Sensor



Applications & Features

- Used for temperature measurement in duct air(T2/T2N), water and steam pipe(T4/T4N) , outside air(T3/T3N) and insert / stick(T5), strap-on(T6) models
- 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 $\pm 0.2\text{--}0.4^\circ\text{C}@25^\circ\text{C}$, see models
Wiring: 2 wires or 3 wires (RTD)
 (3 wires connection could obtain better accuracy)
Work Temp.(Whole product): $-40\text{--}70^\circ\text{C}$, $0\text{--}95\%\text{RH}$ (Non cond.)
Medium Temperature (Probe): $-40\text{--}100^\circ\text{C}$
Storage Temperature: $-30\text{--}70^\circ\text{C}$
Housing: fireproof ABS, SS probe ($\phi 6\text{mm}$), SS Well
Cable (T5): Black, silicone, $2 \times 0.3\text{mm}^2$, 1m length, $-60\text{--}180^\circ\text{C}$,
 $R_{\text{conductor}}=0.069\Omega/\text{m}$, $R_{\text{insulation}} > 100\text{M}\Omega$ (25°C)
Hose clamp (T6): stainless steel, diameter 15–150mm
Protection: IP65(IP68 for T5, 1m water depth)
Weight: T2:76g;T3:80g;T4:291g;T5:36g; T6:120g
 T2N:122g;T3N:160g; T4N:330g
Approval: CE

Models

Model	T2/T2N T3/T3N T4/T4N T5 T6		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, $\pm 0.4^\circ\text{C}@25^\circ\text{C}$
		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 (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.

T4/T4N/TT4N/TTD4N Install Well

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