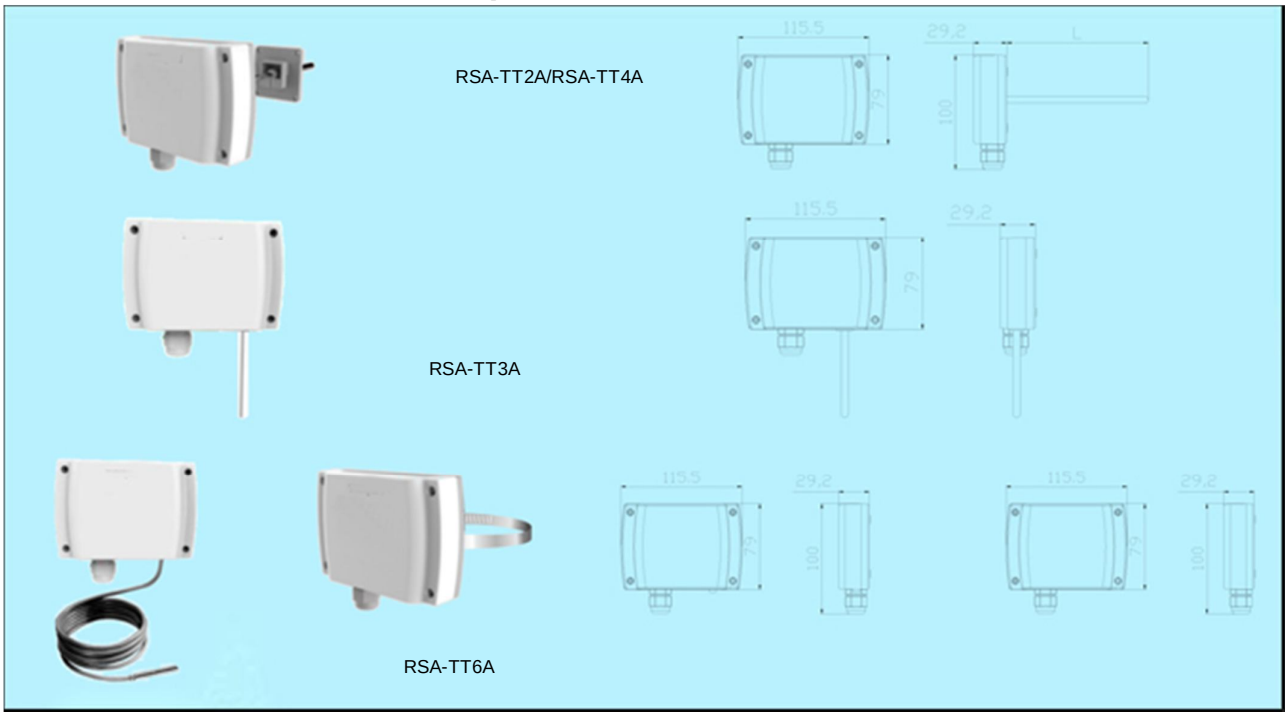
RSA-TT2,3,4,5,6A Series Temperature Sensor/Transmitter

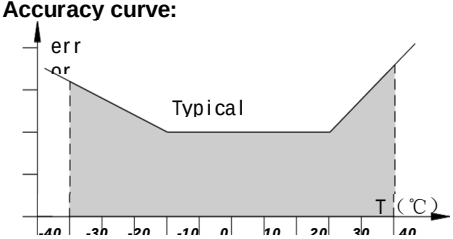


Applications & Features

- Used for temperature measurement in duct (RSA-TT2A), water and steam pipe(RSA-TT4A) , outside(RSA-TT3A) and remote(RSA-TT5A), strap-on(RSA-TT6A) models
- High performance temp. sensor and long term stability
- Light and state of art housing, easy installation
- Multiple outputs selection, over voltage and reverse polarity protection, high reliability and anti-interference capability
- Wide temperature range and fast response

Specifications

Sensor: PT1000, class A
Range: see models
Output: 4~20mA (2 wires) or 0~10VDC, 0~5VDC
Output Load: ≤500Ω (current), ≥3KΩ (0~10VDC), ≥2KΩ(0~5VDC)
Total accuracy: ≤±0.5°C @0~50°C, see accuracy curve
Power: Current 18.5~35VDC (R_L=500Ω), 8. 5~35VDC (R_L=0Ω)
Voltage 16~35VDC, 16~28VAC
Work Temp.(Whole product): -30~70°C, 0~95%RH (Non cond.)
Medium Temperature (Probe): -40~100°C
Storage Temperature: -30~70°C
Housing: fireproof ABS, SS probe (φ6mm), SS Well
Cable (RSA-TT5A): Black, silicone, 2*0.3mm², 1m length, -60~180°C, $R_{conductor}$=0.069Ω/m, $R_{insulation}$ >100MΩ (25°C)
Hose clamp (RSA-TT6A): stainless steel, diameter 15~150mm **Protection:** IP65(IP68 for TT5N's probe, 1m water depth) **Weight:** RSA-TT2A:142g ; RSA-TT3A 180g; RSA-TT4A:350g; RSA-TT5A:172g;
RSA-TT6A:220g
Approval: CE
Accuracy curve:

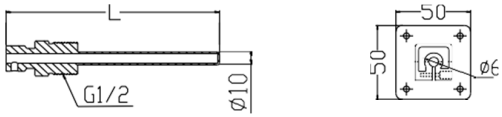


Models

Model	RSA-TT2A RSA-TT3A RSA-TT4A RSA-TT5A RSA-TT6A				Duct mount temperature transmitter Outside air temperature transmitter Immersion temperature transmitter Remote temperature transmitter Strap-on temperature transmitter
Output		1 2 E			0~10V 4~20mA(2 wires) 0~5V
Range			1 2 3 7		0~50°C 0~100°C -40~60°C others
Probe Length (TT2/4N)				0 1 2 7	75mm 125mm 200mm Others

1. RSA-TT4A SS install well is the same as RSA-ST4, A-T0/T1/T2.
2. The standard cable of TT5N is 1m. It can be ordered for other length of integer meters, such as TT5N11-2,which means the cable length is 2m.

Accessories

RSA-TT4A/RSA-TTD4A Stainless Steel Well RSA-TT2A/RSA-TTD2A Install Flange

Model: A-T0 (L=75mm)
A-T1 (L=125mm)
A-T2 (L=200mm)