

## SS1012S Series Resistance Temperature Transducer

### Precautions

- 1, Please check the packing when you get the products.
- 2, Please check the model number when you get the products
- 3, Please DO NOT install the transducer near a heating element
- 4, Please DO NOT install the transducer near a vibration source
- 5, Please use the shielded cable with sectional area >1.0mm<sup>2</sup>
- 6, Check the transducer regularly, avoiding oxidation and deformation



### Mechanical Configurations

Screw Connection	M20*1.5   G1/2   G1/4   M27*2
Probe Length	30mm   50mm   100mm   150mm   200mm   300mm
Probe Diameter	Φ8, Φ4
Probe Material	Stainless Steel 316L
Sensor	Pt100
Accuracy	Class A: ±(0.15+0.002 t ); Class B: ±(0.35+0.002 t )
RO@0°C	Class A: 100±0.06Ω

### Ordering Informations

**EXAMPLE:** [SS1012SA A 01 A 02 A](#)  
[SS1012SB A 01 A 02 A](#)

<b>Screw Connection</b>	<b>A</b>
<b>A</b> M20*1.5 <b>B</b> M27*2 <b>C</b> G1/2 <b>D</b> G1/4 <b>E</b> Other	
<b>Probe Diameter</b>	<b>01</b>
<b>01</b> Φ8 <b>02</b> Φ4 <b>03</b> Other	
<b>Probe Length</b>	<b>A</b>
<b>A</b> 30mm <b>B</b> 50mm <b>C</b> 100mm <b>D</b> 150mm <b>E</b> 200mm <b>F</b> 300mm <b>G</b> Other	
<b>Temperature Range</b>	<b>02</b>
<b>01</b> -100~0°C <b>02</b> -100~50°C <b>03</b> -100~100°C <b>04</b> -100~200°C <b>05</b> -50~0°C <b>06</b> -50~100°C <b>07</b> -50~200°C <b>08</b> 0~100°C <b>09</b> 0~200°C <b>10</b> Other	
<b>Cable Length</b>	<b>A</b>
<b>A</b> 30cm <b>B</b> 50cm <b>C</b> 100cm <b>D</b> Other	
<b>Special Requirement</b>	<b>Z</b>

**NOTE:**

**SS1012SA Accuracy: Class A**

**SS1012SB Accuracy: Class B**