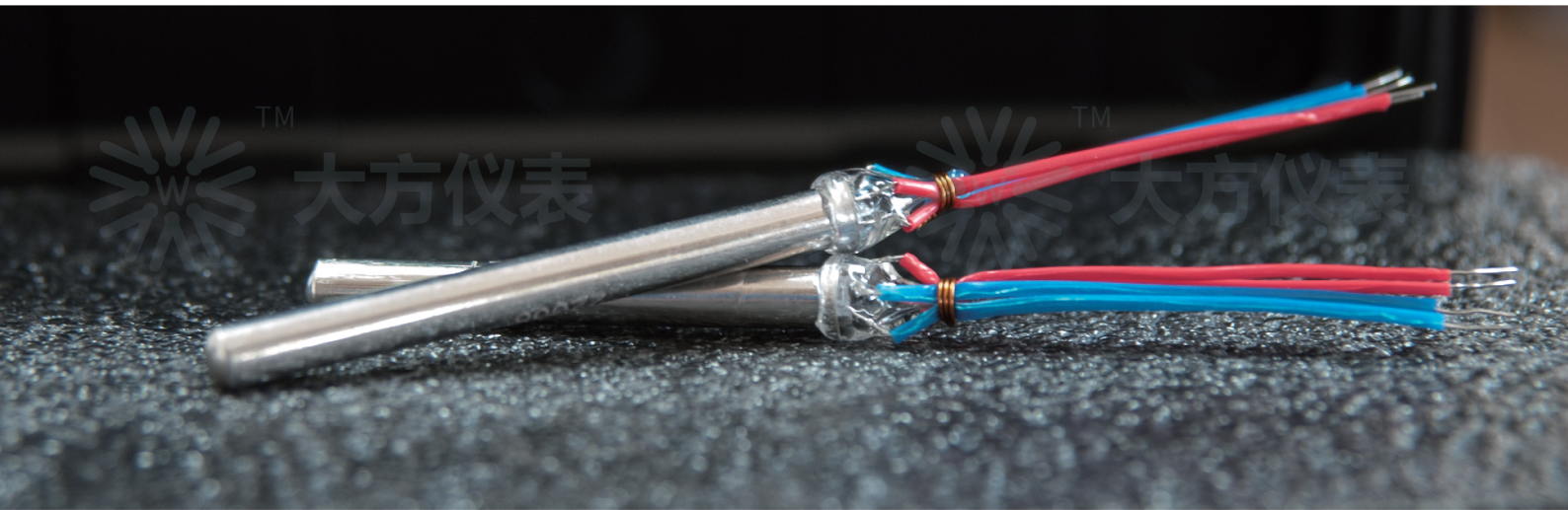




STANDARD CASING PLATINUM RESISTANCE THERMOMETER (SPRTS)

The standard platinum resistance thermometer is a standard instrument for measuring the temperature of a metal platinum wire according to the single value of the resistance value of the temperature. The ITS-90 international temperature standard specifies that the standard platinum resistance thermometer is an interpolation instrument at 13.8033K (-259.3467 °C)~961.78 °C. The standard platinum resistance thermometer is the thermometer with the highest accuracy and stability when measuring temperature under current production conditions.

The standard platinum resistance thermometer is a standard instrument for transmitting international temperature standards. It is used as a standard in the verification of various standard mercury thermometers; industrial platinum and copper thermal resistance thermometers; It can also be used directly for temperature measurement with high accuracy requirements.

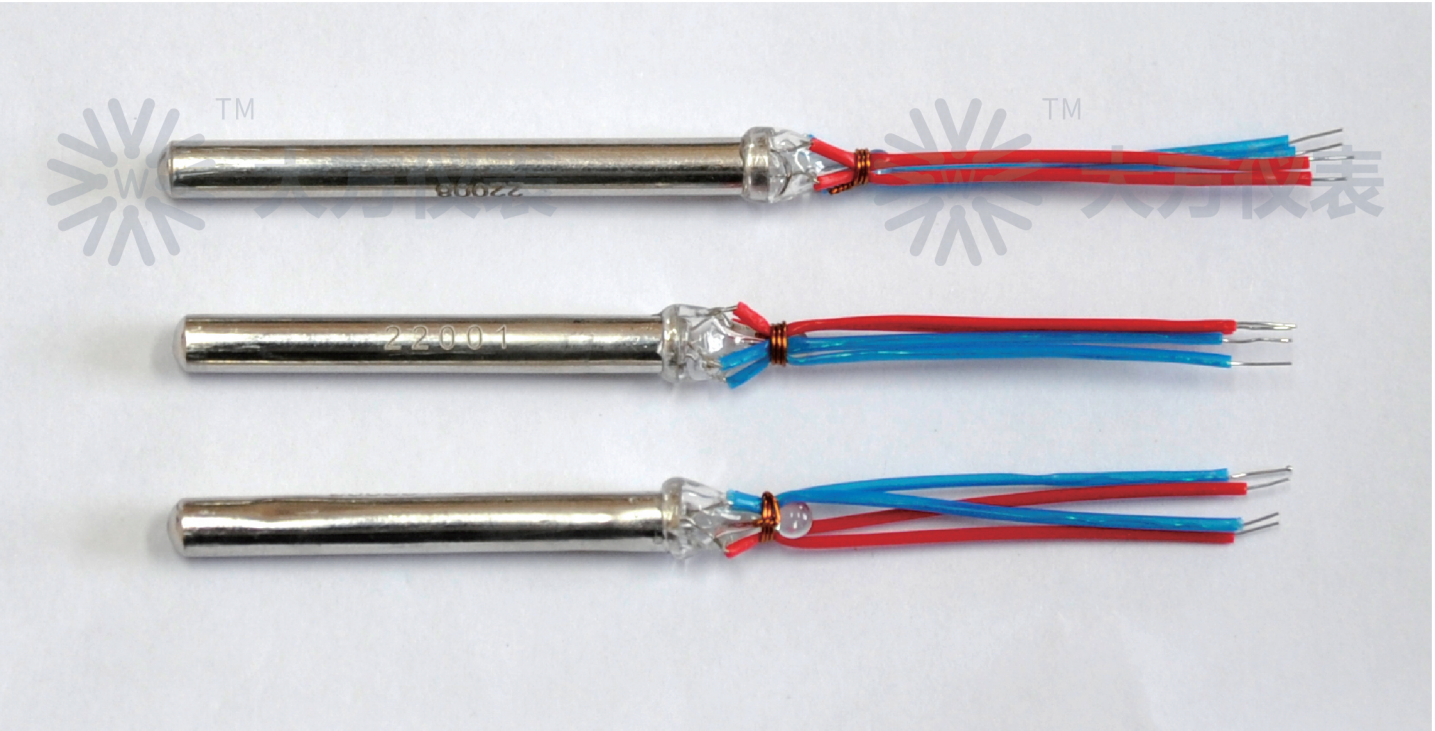


How to order?

Model WZPB-11A 25.5Ω OR Model WZPB-11B 25.5Ω

NEED “with calibration certificate”
or “without calibration certificate”.

 | <http://www.yndfmeter.com/> 



Main Technical Parameters		
Model	WZPB-11A	WZPB-11B
Level	standard thermometer	
Temperature Range	13.8033K~273.16K	
Rtp(Ω)	25.5±0.5	
Resistance Ratio	W _{Hg} ≤0.844235	
Excitation Current(mA)	0.5	
Long Term Drift At 0.01°C/year(mK)	3	
Stability(mK)	≤5	
Insulation Resistance	>1000MΩat ambient temperature	
Protection Tube Type	platinum	glass
Protective Tube Outer Diameter(mm)	φ5±0.5	φ5.5±0.5
Protection Tube Length(mm)	L:50±10	L:60±10
Verification Procedures	JJG350-94 《Standard Casing Platinum Resistance Thermometer》	