

**WZPD pt100 Motor Embedded RTD** specially designed for measuring the temperature of the stator slot of the motor. The product shape is sheet-shaped, extra-thin, and the thickness can be 1.8~2mm. [Pt100 RTD](#) is convenient to use, accurate and reliable in temperature measurement, according to user needs The lead wire is a two-wire system, and the three-wire system can be produced. The length of the lead wire is determined by the user. Note: If the resistance uses a two-wire lead wire, if the lead wire length is greater than 500mm, it will cause temperature measurement errors. Therefore, if the lead wire length is more than 500mm, the user is expected to use the three-wire system as much as possible. [AnHui TianKang](#) Can effectively eliminate the error caused by lead resistance.

**WZPD pt100 Motor Embedded RTD Model:**

Thermal resistance is divided into ordinary type (WZPD) and shielded type (WZPDA). Please note when ordering. If you have special requirements, you can discuss and order with our company.

model	Outgoing line	L (mm)	remarks
WZPD10×60-2A WZCD	2	150	The outgoing line is not shielded
WZPD10×60-2B WZCD	2	400	
WZPD10×60-3A	3	150	
WZPD10×60-3B	3	400	
WZPD10×60-3C	3	1000	The outgoing line is shielded
WZPD10×100-3D	3	2000	
WZPD10×100-3E	3	3000	
WZPD10×100-3F	3	4000	
WZPD10×100-3G	3	5000	
WZPD10×100-3C	3	1000	The outgoing line is shielded
WZPD10×200-3D	3	2000	
WZPD10×200-3E	3	3000	
WZPD10×200-3F	3	4000	
WZPD10×200-3G	3	5000	

Technical performance of **WZPD pt100 Motor Embedded RTD**:

- a. Temperature measurement range: -40-180°C, -40-200°C;
- b. Working current:  $\leq 5\text{mA}$ ;
- c. Platinum thermal resistance lead structure, two leads, one white and one red, and three leads, two red and one white;
- d. The cross-sectional area of a single lead:  $0.2\text{mm}^2$ ;
- e. Lead material: PTFE insulated light wire and cable, silver-plated copper core;
- f. Insulation resistance:  $\geq 100\text{M}\Omega$ ;
- g. Thermal response time:  $t_{0.5} \leq 10\text{s}$ ;
- h. Withstand voltage: 50Hz 1000V, 1min without breakdown and flicker;

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