

# WZP Pt100 Temperature sensor

## Technical details

Measuring medium	liquid,gas
Measuring range	-200°C~500°C,0-1300°C etc.
Output signal	4-20mA , PT100,K,etc.
Material	SUS 304 ,SUS 316L,Titanium Optional
Pressure Connect Port	Flange , Threaded, Tri-Clamp Optional
Protection grade	IP65

Temperature sensor category	Model	TYPE	Temp Range	Allowable error value °C
Single Pt Rh 30-Pt Rh6	WRR	B	0-1600°C	±2.5°C OR 0.25°Ct
Single Pt Rh 10-Pt	WRP	S	0-1300°C	±2.5°C OR 0.25°Ct
Single Ni Cr-Ni Si	WRN	K	0-1100°C	±2.5°C OR 0.25°Ct
NiCr-konstantan	WRE	E	0-600°C	±2.5°C OR 0.25°Ct
Cu-konstantan	WRC	T	-200~400°C	±1.0°C OR 0.75°Ct
Fe-konstantan	WRF	J	40-750°C	±1.0°C OR 0.75°Ct
Thermal Resistance	WZP	PT100	-200~450°C	±0.3°C + 0.005t



## Model Selection Catalog

W	Temperature sensor		
↓	Temperature sensor category	Model	
	Thermocouple	R	
	Thermal Resistance	Z	
	Material selection	R	Single Pt Rh 30-Pt Rh6
		P	Single Pt Rh 10-Pt
		N	Single Ni Cr-Ni Si
		E	NiCr-konstantan
		C	Cu-konstantan
		F	Fe-konstantan
	Mounting& Fixing	1	Without Fixing Device
		2	Fixed screw thread connection
		3	Movable thread connection
		4	Movable Flange
		5	Fixed Flange
	Mode of connection	1	Direct lead wire
2		Hirschmann Connection	
3		General	
4		Explosion proof	
Probe tube (D)	6	∅ 6mm cannulas	
	8	∅ 8mm cannulas	
	10	∅ 10mm cannulas	
	12	∅ 11mm cannulas	
	16	∅ 16mm cannulas	
Probe insertion depth	( 10.....5000mm ) by Customization		
Output Singal	1	4-20mA	
	2	Without	
Temp Range	1	-50~100°C	
	2	0-100°C	
	3	0-150°C	
	4	0-200°C	
	by Customization		

WZP 4 3 8 100mm 1 2