

Pt100 EWRNK-240



I. Pt100 rtd Application

It is usually connected with display meter, recording meter and computer, etc. to directly measure temperature of liquid, vapor, gas and solid surface ranging from -200 to 500 during various production process.

II. Pt100 rtd Measuring Range & Tolerance

Type	Graduation	Measuring Range °C	Accuracy	Tolerance
EWZP-230	Pt100	-200~+500	Class A	$\pm(0.15+0.002 t)$
			Class B	$\pm(0.30+0.005 t)$

Remarks: t is absolute temperature value actually tested with thermal sensor.

III. Pt100 rtd Detail Specification:

1. Waterproof head
2. Diameter:16 mm (Can be customized)
3. Length:500mm (Can be customized)
- 4.PT100 type
- 5.-50-500C
- 6.The electrical outlet : M20x1.5NPT1/2

IV. Pt100 rtd model number

Type	Graduation	Measuring Range	Thermal Response Time	Specification	
				d	L × l
EWZP-220		-200 ~ 50	<90S	Φ1	300 × 150
EWZP2 -220		0		6	350 × 200

EWZP-220G EWZP2 -220 G	Pt100		<24S		400 × 250 450 × 300 500 × 350		
EWZP-221 EWZP2 -221			<45S		550 × 400 650 × 500		
EWZP- 221G EWZP2-221G			<24S	Φ1 2	900 × 750 1150 × 100		
EWZP- 230 EWZP2 -230			<90S		0 1650 × 150		
EWZP- 230G EWZP2 -230 G			<24S	Φ1 6	0 2150 × 200		
EWZP- 231 EWZP2 -231			<45S				
EWZP- 231G EWZP2-231G			<24S	Φ1 2			
EWZC-220G EWZC-220			Cu50 Cu100	-40 ~ 100	<120S		
EWZC-230 EWZC-230G					<40S		
EWZC-221 EWZC-221G	<120S	Φ1 6					
EWZC-231 EWZC-231G	<40S						
	<120S						
	<40S						
	<120S	Φ1					
	<40S	2					

- 1) Type 220, 221 for anti-spray type, protection class IP65; Type230, 231 for water-proof type, protection class IP55;
- 2) Protection tube material is 1Cr18Ni9Ti, and we also produce the resistance with protection tube of other material;
- 3) Nominal Pressure 10Mpa.

V.Pt100 rtd Model Selection:

1. Length
2. Diameter
3. Thread or Flange connection
4. If with thread or flange, what is the size?
5. Junction box or compensating Cable or Connector or Handle ?

we can make all size of the probe according to your needs