

5. Specification

Enter	
input signal	Thermal resistance (RTD), thermocouple (TC)
Cold junction compensation range	-20~60°C
Compensation accuracy	±1°C
Output	
output signal	4~20mA
Load Resistance	$RL \leq (U_e - 12) / 0.021$
Upper and Lower limit overflow alarm output current	I _H =21mA、I _L =3.8mA
Power supply	
Supply voltage	DC12~40V
Other parameters	
Temperature drift	0.02%FS/°C
Response time	1s reaches 90% of final value
Working temperature	-40~80°C
Stored temperature	-40~100°C
Shock resistance	4g/2~150Hz
installation angle	Unlimited
Installation area	b-type top box mounting
Electromagnetic	Meet the requirements of gb / t18268 industrial equipment

6. Input type and transmission accuracy

Model	Types	Measuring	Minimum	Measuring	Conversion
RTD	Pt100	-200.0~850.0°C	10°C	≤100°C	0.2%
				>100°C	0.1%
	Cu50	-50.0~150.0°C	10°C	≤100°C	0.2%
				>100°C	0.1%
TC	B	400~1800°C	500°C	≤300°C	0.2%
				>300°C	0.1%
	E	-100~1000°C	50°C	≤300°C	0.2%
				>300°C	0.1%
	J	-100~1200°C	50°C	≤300°C	0.2%
				>300°C	0.1%
	K	-180~1372°C	50°C	≤300°C	0.2%
				>300°C	0.1%
	N	-180~1300°C	50°C	≤500°C	0.2%
				>500°C	0.1%
	R	-50~1768°C	500°C	≤500°C	0.2%
				>500°C	0.1%
	S	-50~1768°C	500°C	≤500°C	0.2%
				>500°C	0.1%
	T	-200~400°C	50°C	≤500°C	0.2%
				>500°C	0.1%
	Wre3-25	0~2315°C	500°C	≤500°C	0.2%
				>500°C	0.1%
	Wre5-26	0~2310°C	500°C	≤500°C	0.2%
				>500°C	0.1%

Note:

1. The above accuracy data is obtained by testing under the environment temperature of 20 °C
 ± 2 °C.
2. The output accuracy "%" is relative to the set range.
3. The cold junction compensation error needs to be added when measuring the thermocouple

COLOUR VARIATIONS

