Technical data

Power supply:	12 V DC~28 V DC (Reverse power protection)
Input signal:	K, E, S, B, J, T, R, N, etc
	millivolt signal (-10mV~120mV)
Output signal:	4~20mA
Load resistance:	RL ≤ [(U-12)/0.022]Ω; U is loop powered voltafe

Range and Conversion accuracy list (25°C±2°C, not contain cold junction compensation)

Type	Range			
K	-200°C~+1372°C	<300°C, ±0.3°C	≥300°C, ±0.1% F.S.	
E	-100°C~+1000°C	<300°C, ±0.3°C	≥300°C, ±0.1% F.S.	
J	-100°C~+1200°C	<300°C, ±0.3°C	≥300°C, ±0.1% F.S.	
N	-200°C~+1300°C	<300°C, ±0.3°C	≥300°C, ±0.1% F.S.	
S	-50°C~+1768°C	<500°C, ±0.5°C	≥500°C, ±0.1% F.S.	
R	-50°C~+1768°C	<500°C, ±0.5°C	≥500°C, ±0.1% F.S.	
T	-20°C~+400°C	<300°C, ±0.3°C	≥300°C, ±0.1% F.S.	
B	+400°C~+1820°C	<500°C, ±0.5°C	≥500°C, ±0.1% F.S.	
mv	-10mV~120mV	<10mV, 0.01mV	>10mV	S

Compensation accuracy:	1°C (Temperature compensation range: −40°C ~ +85°C)
Temperature drift:	50ppm/°C
Response time:	≤ 1s
Electromagnetic compatibility:	IEC 61326-1
Dielectric strength:	≥ 1500V AC (Input/Output)
Insulation resistance:	≥ 100MΩ (Input/Output)
Operation temperature:	-40°C ~ +85°C
Storage temperature:	-40°C ~ +85°C
Dimension:	Ø 44×25.5mm
Wire size:	1.5mm²
Screw terminal torque:	0.5Nm