

Features

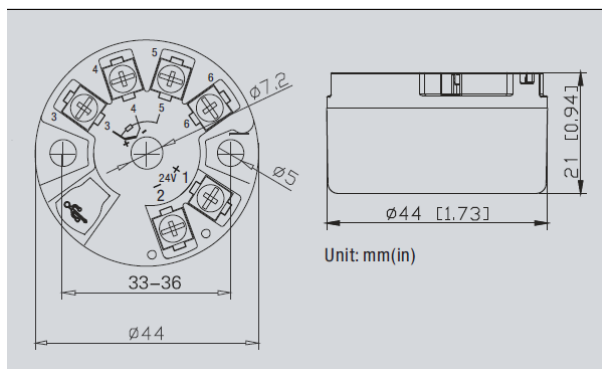
- Universal Input
- 2 wires 4-20ma output
- Input configurable via PC software and Android smartphone
- Built-in cold junction compensation
- Can be installed in Form B connection BOX
- High accuracy 0.1% for RTD, 0.2% for TC

Technical Parameters

Item No	TT-210
Sensor type	PT100, Cu50, Cu100, K, J, E, T, S, R, B, N, PT1000 and WRe needs to be custom made
Cold end junction compensate range	-40°C~ + 80°C
Compensate accuracy	±1°C
Output	4-20mA
Load resistance	$RL \leq (U_e - 12) / 0.021$
Over range alarm value	IH=20.8mA, IL=20.8mA
Input break output current value	21mA
Power supply	12-35VDC
Accuracy(ambient 20°C)	0.1% F.S for RTD, 0.2% F.S for TC
Temperature drift	0.01% F.S/°C
Response time	1ms to 90% of maximum output
Input/output isolation strength	Non-isolation
Input/output impedance	Non-isolation
EMC standard	IEC 61326-1
Working temperature	-40°C~ + 80°C
Mounting screw	M4*2



Drawings



Sensor type	Specific sensor type	Measuring range	Minimum measuring range
RTD	Pt100	-200.0~850.0°C	10°C
	Cu50	-50.0~150.0°C	10°C
	Cu100	-50.0~150.0°C	10°C
TC	B	400~1800°C	500°C
	E	-100~1000°C	50°C
	J	-100~1200°C	50°C
	K	-180~1372°C	50°C
	N	-180~1300°C	50°C
	R	-50~1760°C	500°C
	S	-50~1760°C	500°C
	T	-200~400°C	50°C
Need to be custom made	Wre3-25	0~2315°C	500°C
	Wre5-26	0~2310°C	500°C
	Pt1000	-200.0~850.0°C	10°C