

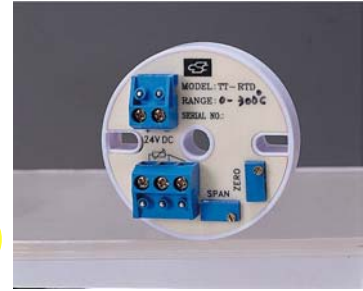
# 2-WIRE HEAD MOUNT ( RTD, T/C ) TRANSMITTER

TT

## FEATURE

- Accuracy: RTD: 0.15%, T/C: 0.3%
- Wide selection of input / output range
- Dimension small
- Low output ripple
- Head Mount type
- High stability & low cost

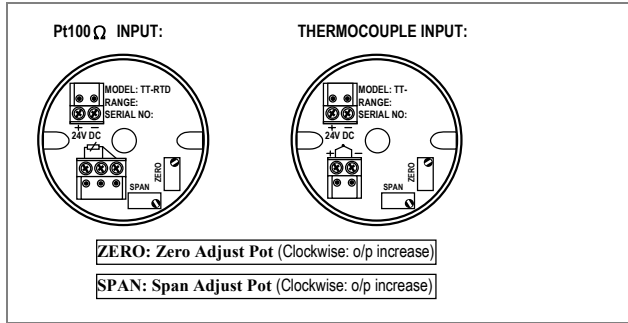
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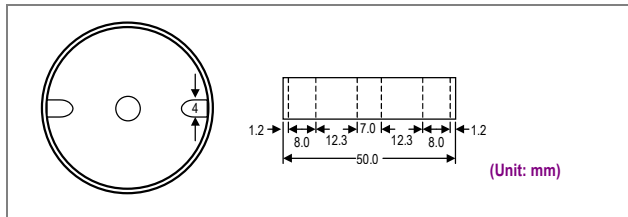
## SPECIFICATION

Input Range	Input Impedance	Output Range	Load Resistance
Type K 0 ~ 1200°C	≥ 1M ohm	4 ~ 20 mA	≤ (Vs-12) / 20mA (ohm)
Type J 0 ~ 1000°C	≥ 1M ohm		
Type E 0 ~ 800°C	≥ 1M ohm		
Type T -50 ~ 400°C	≥ 1M ohm		
Pt100Ω -100 ~ 800°C	≥ 10M ohm		

## ADJUSTMENT

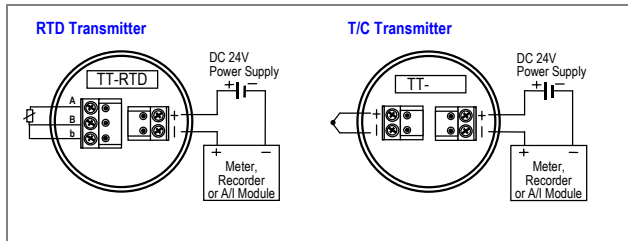


## DIMENSIONS



- Accuracy: RTD ( Pt100 ): ±0.15% of R.O.  
T/C ( K, J, E, T ): ±0.3% of R.O.
- Response time: ≤ 300 msec.
- Span adjustment: ≤ 10% of R.O.
- Zero adjustment: ≤ 5% of R.O.
- Output ripple: ≤ 0.3% of R.O.
- Power Supply: DC 16 ~ 36V
- Open circuit protection: Upscale > 22mA
- Operating temperature: 0~60 °C
- Operating relative humidity: 20~95 %RH
- Temperature coefficient: ≤ 100 PPM/°C
- Cold junction: 25±10°C, error ≤ 0.5°C
- Storage temperature: -10~70 °C
- Weight: 50g

## CONNECTION DIAGRAM



## ORDER INFORMATION

TT- Input Type — Input Range

RTD	THERMOCOUPLE				CODE	TEMPERATURE RANGE
P	K	J	E	T		
•				•	A	-50 ~ +100°C
•					B	-10 ~ +40°C
•	•	•	•	•	C	0 ~ 50°C
•	•	•	•	•	D	0 ~ 100°C
•	•	•	•	•	E	0 ~ 200°C
•	•	•	•	•	F	0 ~ 400°C
•	•	•	•	•	G	0 ~ 500°C
•	•	•	•	•	H	0 ~ 600°C
•	•	•	•	•	I	0 ~ 800°C
	•	•			J	0 ~ 1000°C
	•				K	0 ~ 1200°C
					O	Specify