THERMOCOUPLE ISOLATED TRANSMITTER

S4-TT-T SERIES

FEATURES

- Accuracy: ± 0.2% R.O.
- Wide input and output range selection
- Steady voltage, current and low ripple output
- Cold junction compensated
- Plug-in type

MODEL: S4 - TT - T — □ — □ — □ — □

NO.	Input Type	NO.	Input Range		NO.	DC Output Range	Load R.	NO.	Power Supply
1	K (CA)	A I	- 50 ~ 100 °C	0 ~ 1200 °C	V1	0 ~ 100 mV	≧100KΩ	1	AC 110V
2	J (IC)	B J	- 150 ~ 150 °C	0 ~ 1400 °C	V2	0 ~ 5V	≧ 500Ω	2	AC 220V
3	T (CC)	C K	0 ~ 100 °C	0 ~ 1600 °C	V3	1 ~ 5V	≧ 500Ω	3	DC 110V
4	E (CRC)	D L	0 ~ 200 °C	300 ~ 600 °C	V4	0 ~ 10V	≧ 500Ω	4	DC 48V
5	R (RR)	E M	0 ~ 400 °C	400 ~ 800 °C	A2	0 ~ 10mA	≦ 1.5KΩ	5	DC 24V
6	S	F N	0 ~ 600 °C	600 ~1200 °C	A3	0 ~ 20mA	≦750Ω	0	Option
7	N	G O	0 ~ 800 °C	700 ~1400 °C	A4	4 ~ 20mA	≦750Ω		
8	B	H P	0 ~ 1000 °C	800 ~1600 °C	0	Option			

SPECIFICATION

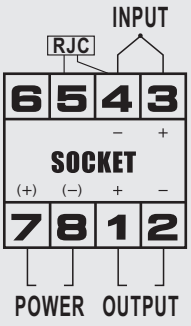
Accuracy ..... ± 0.2% R.O.± 0.5 °C(RJC)*

Type	Temp. Range	Rated of Output	Erro
K	0 ~ 1200°C	1200	± 1.2 °C
J	0 ~ 600°C	600	± 0.6 °C
T	-150 ~ 400°C	550	± 0.5 °C
E	0 ~ 600°C	600	± 0.6 °C
R	0 ~ 1600°C	1600	± 1.6 °C
S	0 ~ 1400°C	1400	± 1.4 °C
N	0 ~ 1200°C	1200	± 1.2 °C
B	600 ~ 1600°C	1000	± 1.0 °C

*Accuray is subject to changes in measured temp.

Power supply ..... AC 110 V ± 15% , 50/60HZ
AC 220 V ± 15% , 50/60HZ
DC 24V,48V,110V ± 10%
Power consumption ..... AC≦ 5VA,DC≦ 3W
Input resistance ..... ≧20MΩ
Input break detection ..... Hi-set≧ 110% of rated output
Response time ..... ≦ 600 msec.(0-90%)
Output ripple ..... ≦ 0.5% R.O.(peak-peak)
Span adjustment range ..... ≧ ±5% R.O.
Zero adjustment range ..... ≧ ±2% R.O.
Operating temperature rang ..... 0 ~ 60 °C
Storage temperature rang ..... -10 ~ 70 °C
temperature rang coefficient ..... ≦ 150PPM/ °C
Max. relative humidity 95%
Isolation ..... Input/Output/Power/Case
Insulation resistance ..... ≧100MΩ, DC 500 V
Dielectric strength ..... Input/Output/Powe AC1.8KV/minute
All terminal/Case AC1.8KV/minute
Impulse withstand test ..... 3KV, 1.2 x 50 μs
Common mode & Differential mode

CONNECTION DIAGRAM



DIMENSIONS (UNIT : mm)