RTD (Pt100) ISOLATED TRANSMITTER

S4-TT-R SERIES

FEATURES

- Accuracy: ± 0.15% RO.
- Wide input and output range selection
- Steady voltage, current and low ripple output
- Automatically eliminated for wire resistance (3 wires connection)
- Plug-in type

MODEL: S4 - TT - R — □ — □ — □

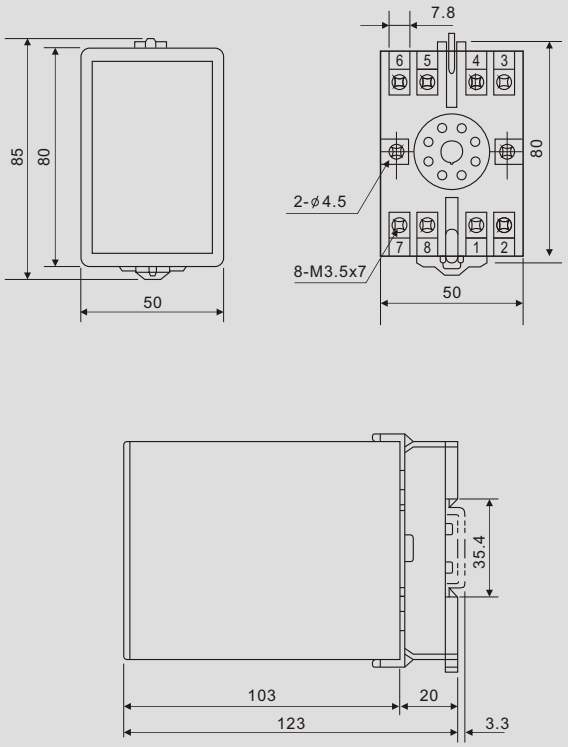
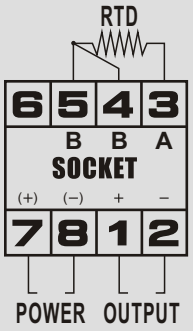
NO.	Input Range	NO.	DC Output Range	Load R.	NO.	Power Supply
A	-100 ~ 100℃	1	0 ~ 1V	≧ 500Ω	1	AC 110V
B	- 50 ~ 100℃	2	0 ~ 5V	≧ 500Ω	2	AC 220V
C	- 50 ~ 50℃	3	0 ~ 10V	≧ 500Ω	3	DC 110V
D	-100 ~ 50℃	4	1 ~ 5V	≧ 500Ω	4	DC 48V
E	- 10 ~ 50℃	5	0 ~ 1mA	0 ~ 10K Ω	5	DC 24V
F	- 10 ~ 100℃	6	0 ~ 10mA	0 ~ 1.5K Ω	0	Option
G	0 ~ 50℃	7	0 ~ 20mA	0 ~ 750Ω		
H	0 ~ 100℃	8	4 ~ 20mA	0 ~ 750Ω		
I	0 ~ 200℃	0	Option			
J	0 ~ 300℃					
K	0 ~ 400℃					
O	Option					

SPECIFICATION

Accuracy	±0.15% RO.
Power supply	AC 110V ±15%, 50/60Hz
	AC 220V ±15%, 50/60Hz
	DC 110V, 48V, 24V ±10%
Response time	≦400msec.
Output ripple	≦0.5% RO. (peak- peak)
Operating temp.	0 ~ 60˚C
Storage temp.	-10 ~ 70˚C
Temp. coefficient	≦150PPM/˚C
Span adjustment	≧±20%
Zero adjustment	≧±10%
Max. relative humidity	95%
Isolation	Input/Output/Power/Case
Insulation resistance	≧ 100MΩ, DC 500V
Dielectric strength	Input/Output/Power AC 1.8KV/min.
	All Terminal/Case AC 1.8KV/min.
Impulse withstand test	3KV, 1.2 X 50μS
	Common mode & differential mode
Power consumption	≦AC 5VA , ≦DC3W

DIMENSIONS (UNIT : mm)

● Socket



CONNECTION DIAGRAM