POTENTIOMETER ISOLATED TRANSMITTER

S4-PT SERIES

FEATURES

- Accuracy: ± 0.1% RO.
- Input potentiometer: total resistance 50Ω ~ 10KΩ (0 ~ 100%)
- Steady voltage, current and low ripple output
- Plug-in type

■ MODEL: S4 - PT - □ — □ — □

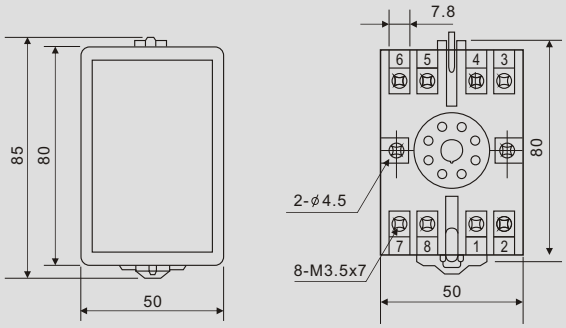
NO.	Input Range	NO.	DC Output Range	Load R.	NO.	Power Supply
A	0 ~ 50Ω	1	0 ~ 1V	≧ 500Ω	1	AC 110V
B	0 ~ 100Ω	2	0 ~ 5V	≧ 500Ω	2	AC 220V
C	0 ~ 200Ω	3	0 ~ 10V	≧ 500Ω	3	DC 110V
D	0 ~ 500Ω	4	1 ~ 5V	≧ 500Ω	4	DC 48V
E	0 ~ 1KΩ	5	0 ~ 1mA	0 ~ 10KΩ	5	DC 24V
F	0 ~ 2KΩ	6	0 ~ 10mA	0 ~ 1.5KΩ	0	Option
G	0 ~ 5KΩ	7	0 ~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

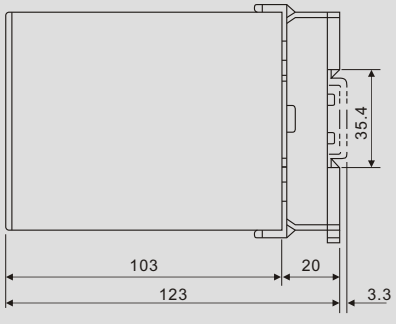
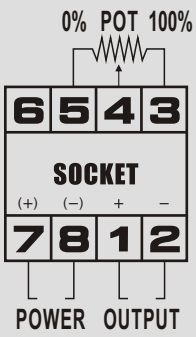
■ SPECIFICATION

Accuracy	±0.1% 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