

POTENTIOMETER (RESISTANCE) TRANSMITTER

CSP-RT

FEATURE

- Accuracy 0.1%
- Wide selection of input / output range
- Dimension small
- Low output ripple
- Dielectric strength 2000 VAC
- High stability & low cost

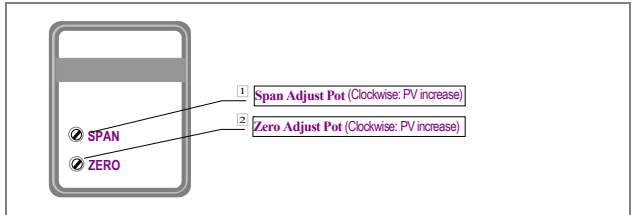


SPECIFICATION

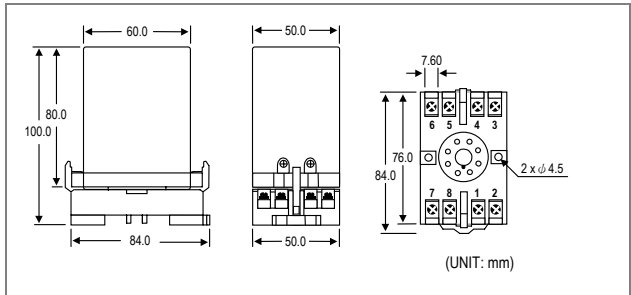
Input Range	Input Impedance	Output Range	Load Resistance
POTENTIOMETER		0 ~ 100 mV	≧100K ohm
50 ~ 100K	≧1M ohm	0 ~ 1 V	≧50 ohm
RESISTANCE		0 ~ 5 V	≧250 ohm
0 ~ 50 ohm	≧1M ohm	0 ~ 10 V	≧500ohm
0 ~ 100 ohm	≧1M ohm	1 ~ 5 V	≧250 ohm
0 ~ 200 ohm	≧1M ohm	2 ~ 10 V	≧500ohm
0 ~ 500 ohm	≧1M ohm	-10 ~ 0 ~ +10 V	≧1K ohm
0 ~ 1K ohm	≧1M ohm	0 ~ 1 mA	≧15K ohm
0 ~ 2K ohm	≧1M ohm	0 ~ 10 mA	≧1500 ohm
0 ~ 5K ohm	≧1M ohm	0 ~ 20 mA	≧750 ohm
0 ~ 10K ohm	≧1M ohm	4 ~ 20 mA	≧750ohm
0 ~ 20K ohm	≧1M ohm		
0 ~ 50K ohm	≧1M ohm		

- Accuracy: ±0.1% of R.O.
- Response time: ≦400 msec.
- Span adjustment: ≦10% of R.O.
- Zero adjustment: ≦5% of R.O.
- Output ripple: ≦0.1% of R.O.
- Power Supply: AC 115 or 230V ±10%, 50/60 Hz
Option: DC 12V, 24V, 48V ±10%, (Isolated)
- Power consumption: DC 3W, AC 4.5VA
- Operating temperature: 0~60 °C
- Operating relative humidity: 20~95 %RH
- Temperature coefficient: ≦100 PPM/°C
- Storage temperature: -10~70 °C
- Isolation: Between Power / Input / Output / Case
- Insulation resistance: ≧100M ohm at 500Vdc
- Surge test: 4.0 KV, 1.2 x 50 μ sec.
- Dielectric Strength: Common mode & differential mode
AC 2.0 KV for 1 min
- Weight: Between Power / Input / Output / Case
360g

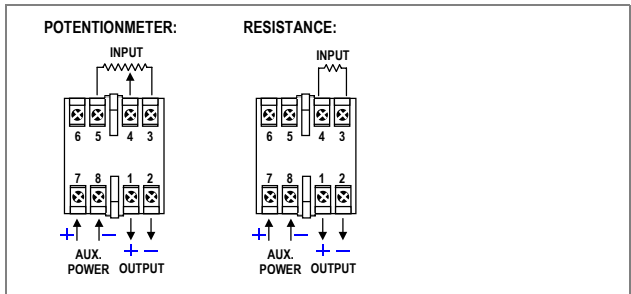
ADJUSTMENT



DIMENSIONS



CONNECTION DIAGRAM



ORDER INFORMATION

CSP-RT- Input Range - Output Range - Aux. Power

Resistance		Potentiometer		Current		Voltage		Aux. Power	
CODE	INPUT RANGE	CODE	INPUT RANGE	CODE	OUTPUT	CODE	OUTPUT	CODE	AUX. POWER
R0	0 ~ 50 ohm	RP1	50 ~ 10K ohm	A	0 ~ 1 mA	1	0 ~ 100 mV	A1	AC 115 V
R1	0 ~ 100 ohm	RP2	10K ~ 100K ohm	B	0 ~ 10 mA	2	0 ~ 1 V	A2	AC 230 V
R2	0 ~ 200 ohm	O	Specify	C	0 ~ 20 mA	3	0 ~ 5 V	D12	DC 12 V
R3	0 ~ 500 ohm			D	4 ~ 20 mA	4	0 ~ 10 V	D24	DC 24 V
R4	0 ~ 1K ohm			O	Specify	5	1 ~ 5V	D48	DC 48 V
R5	0 ~ 2K ohm					6	2 ~ 10 V	O	Specify
R6	0 ~ 5K ohm					7	-10 ~ +10 V		
R7	0 ~ 10K ohm					O	Specify		
R8	0 ~ 20K ohm								
R9	0 ~ 50K ohm								
O	Specify								