

DC SIGNAL TRANSMITTER

CSP-VI

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
0 ~ 10 mV	≥ 1M ohm	0 ~ 100 mV	≥ 100K ohm
0 ~ 50 mV	≥ 1M ohm	0 ~ 1 V	≥ 50 ohm
0 ~ 100 mV	≥ 1M ohm	0 ~ 5 V	≥ 250 ohm
0 ~ 1 V	≥ 1M ohm	0 ~ 10 V	≥ 500ohm
0 ~ 5 V	≥ 1M ohm	1 ~ 5 V	≥ 250 ohm
0 ~ 10 V	≥ 1M ohm	2 ~ 10 V	≥ 500ohm
1 ~ 5 V	≥ 1M ohm	-10 ~ 0 ~ +10 V	≥ 1K ohm
2 ~ 10 V	≥ 1M ohm	0 ~ 1 mA	≤ 15K ohm
-10 ~ 0 ~ +10 V	≥ 1M ohm	0 ~ 10 mA	≤ 1500 ohm
0 ~ 150 V	≥ 1M ohm	0 ~ 20 mA	≤ 750 ohm
0 ~ 300 V	≥ 1M ohm	4 ~ 20 mA	≤ 750ohm
0 ~ 600 V	≥ 1M ohm		
0 ~ 100 μ A	≤ 1000 ohm		
0 ~ 1 mA	≤ 100 ohm		
0 ~ 10 mA	≤ 20 ohm		
0 ~ 20 mA	≤ 10 ohm		
4 ~ 20 mA	≤ 10 ohm		
0 ~ 1 A	0.05 ohm		
0 ~ 5 A	0.02 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 KV, 1.2 x 50 μ sec.
	Common mode & differential mode

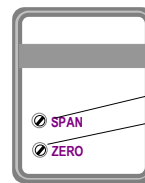
Dielectric Strength:

AC 2.0 KV for 1 min

Weight:

Between Power / Inout / Output / Case
360g

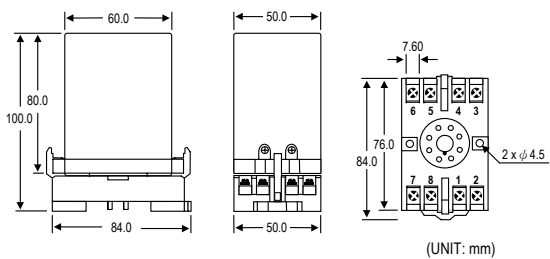
ADJUSTMENT



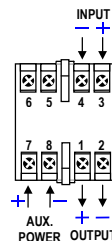
1 Span Adjust Pot (Clockwise: PV increase)

2 Zero Adjust Pot (Clockwise: PV increase)

DIMENSIONS



CONNECTION DIAGRAM



ORDER INFORMATION

CSP-VI		Input Type	Input Range	Output Range	Aux. Power
CODE	INPUT TYPE	CODE	INPUT RANGE	CODE	INPUT RANGE
A	AC	A1	0 ~ 100 μ A	V1	0 ~ 10 mV
D	DC	A2	0 ~ 1 mA	V2	0 ~ 50 mV
		A3	0 ~ 10 mA	V3	0 ~ 100 mV
		A4	0 ~ 20 mA	V4	0 ~ 1 V
		A5	4 ~ 20 mA	V5	0 ~ 5 V
		A6	0 ~ 1 A	V6	0 ~ 10 V
		A7	0 ~ 5 A	V7	1 ~ 5 V
		O	Specify	V8	2 ~ 10 V
				V9	-10 ~ +10 V
				VA	0 ~ 150 V
				VB	0 ~ 300 V
				VC	0 ~ 600 V
				O	Specify
CODE	INPUT RANGE	CODE	INPUT RANGE	CODE	INPUT RANGE
A	0 ~ 1 mA	1	0 ~ 100 mV	A	0 ~ 1 mA
B	0 ~ 10 mA	2	0 ~ 1 V	B	0 ~ 10 mA
C	0 ~ 20 mA	3	0 ~ 5 V	C	0 ~ 20 mA
D	4 ~ 20 mA	4	0 ~ 10 V	D	4 ~ 20 mA
O	Specify	5	1 ~ 5 V	O	Specify
		6	2 ~ 10 V		
		7	-10 ~ +10 V		
		O	Specify		
CODE	AUX. POWER	CODE	AUX. POWER	CODE	AUX. POWER
A1	AC 115 V	A1	AC 115 V	A1	AC 115 V
A2	AC 230 V	A2	AC 230 V	A2	AC 230 V
D12	DC 12 V	D12	DC 12 V	D12	DC 12 V
D24	DC 24 V	D24	DC 24 V	D24	DC 24 V
D48	DC 48 V	D48	DC 48 V	D48	DC 48 V
O	Specify	O	Specify	O	Specify