General Specifications

2 *ISOLATED OUTPUTS THERMOCOUPLE CONVERTER*

This instrument is a high accurate converter which receives signal corresponding to temperature as receiving of input of each kind of T/C and converts to DC voltage and current output signal through temperature compensation and linearizer circuit. Especially, it is advatageous to construct loop as that the input & output is separated completely and is isolated between 2 outputs.

SPECIFICATIONS

ITEMS	*DESCRIPTIONS*		
INPUT	*Thermocouple (K, J, T, E, B, R, S)*		
OUTPUT	*DC Current or DC Voltage Signal*		
ACCURACY	*¡¾ 0.3% Max.*		
TEMP. COEFFICIENT	*¡¾ 0.02% / ¢J*		
LINEARITY	*¡¾ 0.1% F.S*		
REPEATABILITY	*¡¾ 0.05% F.S*		
RESPONSE TIME	*Less than 0.5sec (0-90%)*		
INSULATION RESISTANCE	*Greater than 100M¦¸ at DC 500V*		
DIRECTRIC-STRENGTH	*Input-Power*	*AC1,500V*	*1 minute*
	Input-1st Out-2nd Out	*AC1,500V*	
	Input-Ground	*AC1,500V*	
BURN-OUT	*Upper Limit*		
POWER SUPPLY	*AC110V AC220V ¡¾ 10% 50-60Hz 4VA*		
AMBIENT-TEMP	*-5~+55¢ªC (20~130¢ªF)*		
HUMIDITY	*Less than 90% RH (no condensation)*		
LINEARLIZER	*Standard function*		
CASE MATERIAL	*AL*		
COLOR	*BLACK*		
WEIGHT	*About 500g*		
DIMENSION	*W42 x H90 x D120mm*		
MOUNTING	*WALL*		
OUTPUT LOAD RESISTANCE	*Refer to Attached Technical Sheet.*		

¢ç *STANDARD INPUT RANGE* *(UNIT : ¢J)*

INPUT	*RANGE*
K	*-50~100, 0~300, 0~400, 0~500, 0~600 0~800, 0~1000, 0~1200*
J	*0~200, 0~300, 0~400, 0~800*
T	*-20~80, 0~100, 0~200*
R	*600~1600*

ORDERING CODE

MODEL : D T T C - □ □ □ □ - □

INPUT SIGNAL
- *1 K(CA)*
- *2 J(IC)*
- *3 T(CC)*
- *4 E(CRC)*
- *5 B*
- *6 S*
- *7 R*
- *0 Other Thermocouple*

1ST OUTPUT SIGNAL
- *7 DC 4~20mA*
- *F DC 1~5V*
- *G Others*

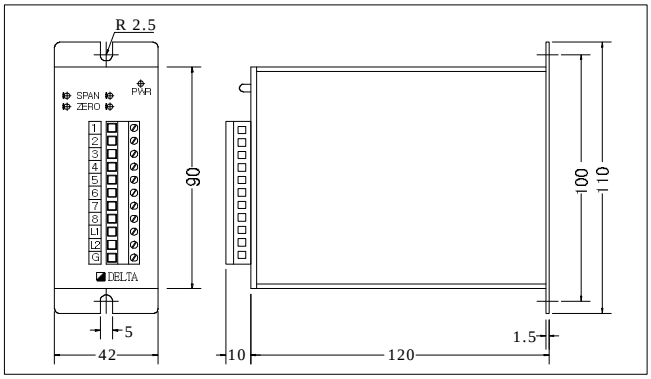
2ND OUTPUT SIGNAL
- *7 DC 4~20mA*
- *F DC 1~5V*
- *G Others*

POWER SUPPLY
- *1 AC110V 2 AC220V*

BURN OUT
- *U : Up scale*

* Please Specify the input range When you Order.

DIMENSION



WIRING DIAGRAM