

# General Specifications

## 2 ISOLATED OUTPUTS REVERSE CONVERTER



This is a high accurate converter which receives DC voltage and current as input signal and converts to reverse signal. It is possible to design loop freely by synthetic using input & output of all instruments. Especially, it is advantageous to construct loop as that input & output is separated completely and is isolated between 2 outputs.

### SPECIFICATIONS

ITEMS	DESCRIPTIONS	
INPUT	DC signal (Current input to be combined through the application of precise resistor shunt)	
OUTPUT	DC Current or DC Voltage Signal	
ACCURACY	¼ 0.1% Max.	
TEMP. COEFFICIENT	¼ 0.015% / ½	
LINEARITY	¼ 0.02% F.S	
REPEATABILITY	¼ 0.02% F.S	
RESPONSE TIME	Less than 0.5Sec (0-90%)	
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V	
DIRECTRIC-STRENGTH	Input-Power AC1,500V	1 minute
	Input-1st Out-2nd Out AC1,500V	
	Input-Ground AC1,500V	
POWER SUPPLY	AC110V AC220V ¼ 10% 50-60Hz 4VA	
AMBIENT-TEMP	-5 ~ +55°C (20~130ℳ)	
HUMIDITY	Less than 90% RH (no condensation)	
LINEARIZER	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.	

### ORDERING CODE

MODEL : D T R C - [ ] [ ] [ ] - [ ]

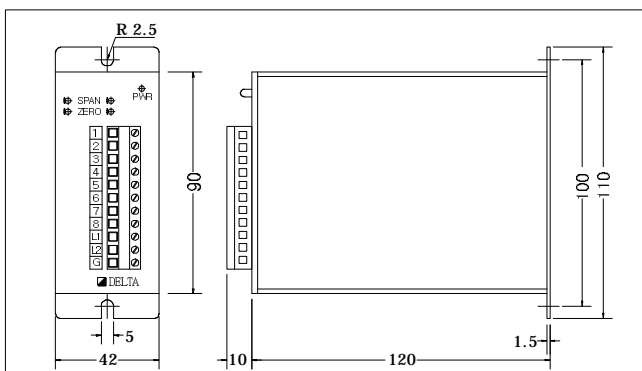
INPUT SIGNAL  
 7 DC 4~20mA  
 F DC 1~5V  
 G Others

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

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

POWER SUPPLY  
 1 AC 110V 2 AC 220V

### DIMENSION



### WIRING DIAGRAM

INPUT		OUTPUT		POWER	
1	+	5	+	L1	U(+)
2	-	6	-	L2	V(-)
3	NC	7	+	G	GND
4		8	-		