

# General Specifications

## 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.

### 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% / °C	
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	
DIELECTRIC-STRENGTH	Input-Power AC1,500V	
	Input-Output AC1,500V	1 minute
	Input-Ground AC1,500V	
POWER SUPPLY	AC110V AC220V ¼ 10% 50-60Hz 3.5VA	
AMBIENT-TEMP	-5 ~ +55°C (20 ~ 130ℱ)	
HUMIDITY	Less than 90% RH (no condensation)	
LINEARIZER	Standard function	
CASE MATERIAL	ABS	
COLOR	MUNSELL No. 7.5YR 5/2	
WEIGHT	About 500g	
DIMENSION	W50 x H80 x D123mm	
MOUNTING	WALL or DIN Rail	
OUTPUT	Refer to Attached Technical Sheet.	
LOAD RESISTANCE		

### ORDERING CODE

MODEL : D P R C -    -

#### INPUT SIGNAL

- |            |             |             |
|------------|-------------|-------------|
| 1 DC 1~0V  | A DC 1~0mA  | E DC 5~1mA  |
| 2 DC 10~0V | B DC 10~0mA | F DC 10~2mA |
| 3 DC 5~0V  | C DC 16~0mA | G DC 20~4mA |
| 4 DC 5~1V  | D DC 20~0mA | H Others    |

#### OUTPUT SIGNAL

- 1 DC 1 ~ 0mA
  - 2 DC 1 0 ~ 0mA
  - 3 DC 1 6 ~ 0mA
  - 4 DC 2 0 ~ 0mA
  - 5 DC 5 ~ 1mA
  - 6 DC 1 0 ~ 2mA
  - 7 DC 2 0 ~ 4mA
  - 8 Other Current (Less than 20mA)
- A DC 1 0 ~ 0mV  
 B DC 1 0 0 ~ 0mV  
 C DC 1 ~ 0V  
 D DC 1 0 ~ 0V  
 E DC 5 ~ 0V  
 F DC 5 ~ 1V  
 G Other Voltage (Less than 12V)

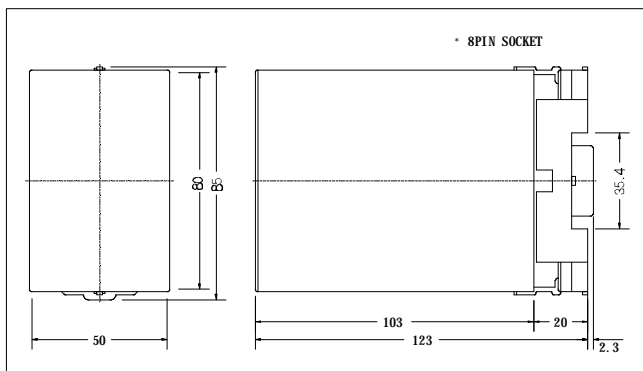
#### POWER SUPPLY

- 1 AC 110V    2 AC 220V    3 DC 24V

#### I/O ISOLATION

- G : General    Y : Isolation

### DIMENSION



### WIRING DIAGRAM

