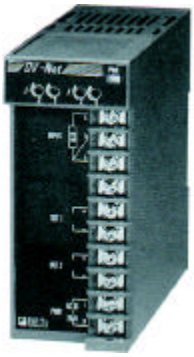
General Specifications

1&2 OUT 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. Power adopt free voltage.

In the mounting method, you can freely select one between DIN RAIL mounting and WALL MOUNTING.

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	*± 0.1% Max.*		
TEMP. COEFFICIENT	*± 0.015% / °C*		
LINEARITY	*± 0.02% F.S*		
REPEATABILITY	*± 0.02% F.S*		
RESPONSE TIME	*Less than 0.5Sec (0-90%)*		
INSULATION RESISTANCE	*Greater than 100MΩ at DC 500V*		
DIRECTRIC-STRENGTH	*Input-Power*	*AC1,000V*	*1 minute*
	Input-Output	*AC1,000V*	
	1ST Out-2ND Out	*AC1,000V*	
POWER SUPPLY	*AC Driven*	*AC85~264V 50-60Hz*	
	DC Driven	*DC 24V ± 10% 110mA*	
POWER CONSUMPTION	*Less than 7VA*		
AMBIENT-TEMP	*-5~+55°C (20~130°F)*		
HUMIDITY	*Less than 90% RH (no condensation)*		
LINEARLIZER	*Standard function*		
CASE MATERIAL	*ABS / PC*		
COLOR	*BLUE*		
WEIGHT	*About 300g*		
DIMENSION	*W42 x H96 x D101mm*		
MOUNTING	*WALL or DIN RAIL*		
OUTPUT LOAD RESISTANCE	*Refer to Attached Technical Sheet.*		

ORDERING CODE

MODEL : D V R C - □ □ □ □ - □

INPUT SIGNAL

1	*DC 10~0mV*	*A*	*DC 1~0mA*
2	*DC 100~0mV*	*B*	*DC 10~0mA*
3	*DC 1~0V*	*C*	*DC 16~0mA*
4	*DC 10~0V*	*D*	*DC 20~0mA*
5	*DC 5~0V*	*E*	*DC 5~1mA*
6	*DC 5~1V*	*F*	*DC 10~2mA*
7	*DC 10~-10V*	*G*	*DC 20~4mA*
0	*Other Voltage (Less than 12V)*	*Z*	*Other Current (Less than 20mA)*

1ST OUTPUT SIGNAL

1	*DC 1~0mA*	*A*	*DC 10~0mV*
2	*DC 10~0mA*	*B*	*DC 100~0mV*
3	*DC 16~0mA*	*C*	*DC 1~0V*
4	*DC 20~0mA*	*D*	*DC 5~0V*
5	*DC 5~1mA*	*E*	*DC 10~0V*
6	*DC 10~2mA*	*F*	*DC 5~1V*
7	*DC 20~4mA*	*G*	*DC 10~-10V*
0	*Other Current (Less than 20mA)*	*Z*	*Other Voltage (Less than 12V)*

2ND OUTPUT SIGNAL

N None

Same Range Availability as OUTPUT 1ST

POWER SUPPLY

1 AC100V ~ 240V *2 DC 24V*

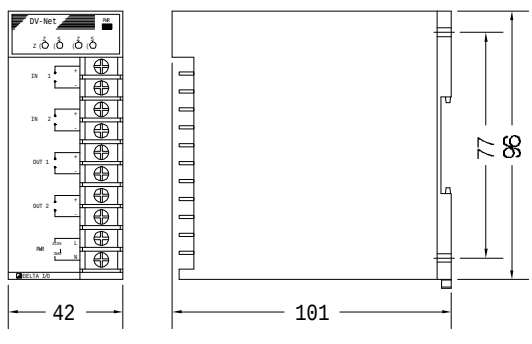
I/O ISOLATION

G : General *Y : Isolation*

OUTPUT RESISTANCE

OUTPUT SIGNAL	*LOAD RESISTANCE*
1 ~ 5mA	*Less than 2.4K Ω*
4 ~ 20mA	*Less than 600 Ω*
1 ~ 5V	*More than 500 Ω*
0 ~ 10V	*More than 1K Ω*

DIMENSION



WIRING DIAGRAM

INPUT			OUTPUT			POWER	
1	+	SIGNAL	5	+	1ST OUTPUT	9	L(+)
2	-		6	-		10	N(-)
3		NC	7	+	2ND OUTPUT		
4			8	-			