General Specifications

1 & 2 OUT ISOLATED POWER DISTRIBUTOR

This instrument is a high accurate converter which provides simultaneously power supply and signal conversion to all transmitters such as pressure transmitter, flow transmitter, level transmitter, etc and contains overcurrent and overvoltage protection circuit inside. It is isolated between signal transmitted from transmitter and output signal of converter, not necessary to use extra isolator when the loop constructing. Power adopt free voltage.

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

SPECIFICATIONS

ITEMS	*DESCRIPTIONS*		
OUTPUT RATING	*DC24V (24~28V DC) 22mA Max.*		
SUPPLY TO X'TR	*(Ripple : Less than 0.1Vp-p)*		
ACCURACY	*± 0.1% Max.*		
TEMP. COEFFICIENT	*± 0.015% / °C*		
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% 130mA*	
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 P S - □ □ □ - □ □

INPUT SIGNAL

1 DC4~20mA 2-wire

1ST OUTPUT SIGNAL

1	*DC 0~1mA*	*A*	*DC 0~10mV*
2	*DC 0~10mA*	*B*	*DC 0~100mV*
3	*DC 0~16mA*	*C*	*DC 0~1V*
4	*DC 0~20mA*	*D*	*DC 0~10V*
5	*DC 1~5mA*	*E*	*DC 0~5V*
6	*DC 2~10mA*	*F*	*DC 1~5V*
7	*DC 4~20mA*	*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*

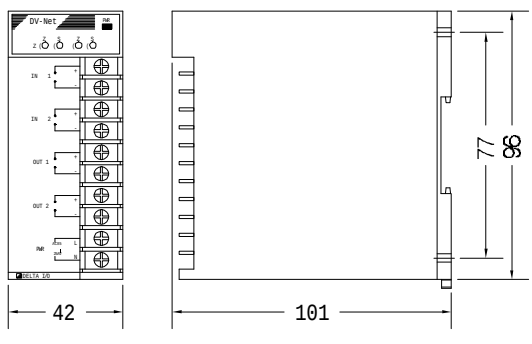
I/O ISOLATION

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