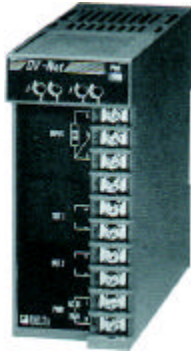


# General Specifications

## 1&2 OUT SIGNAL TRANSDUCER



This is a universal type in signal transducer which receives DC voltage and current as input signal and outputs unbalanced signal into balanced signal. It is recommendable transducer when the loop is constructed on the low price and 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	¼ 0.2% Max.
TEMP. COEFFICIENT	¼ 0.02% / ½
LINEARITY	¼ 0.02% F.S
REPEATABILITY	¼ 0.05% F.S
RESPONSE TIME	Less than 0.5Sec (0-90%)
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V
DIRECTRIC-STRENGTH	Input-Power AC1,000V
	Input-Output AC1,000V
	1ST Out-2ND Out AC1,000V
POWER SUPPLY	AC Driven AC85~264V 50-60Hz
	DC Driven DC 24V ¼ 10% 110mA
POWER CONSUMPTION	Less than 7VA
AMBIENT-TEMP	-5~+55°C (20~130µ )
HUMIDITY	Less than 90% RH (no condensation)
LINEARIZER	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 S T - [ ] [ ] [ ] [ ] - [ ]

#### INPUT SIGNAL

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

#### 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
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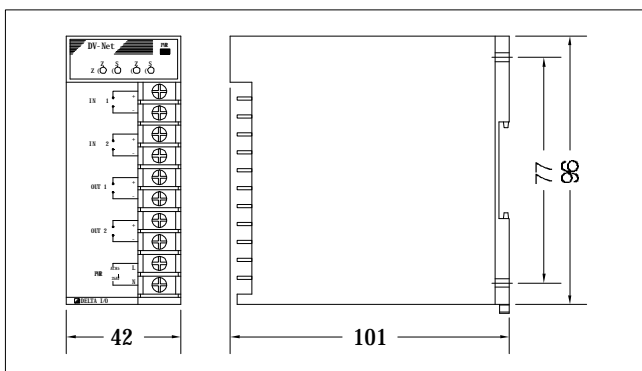
#### I/O ISOLATION

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	+	5	+	9	L(+)
2	-	6	-	10	N(-)
3	NC	7	+	2ND OUTPUT	
4		8	-		