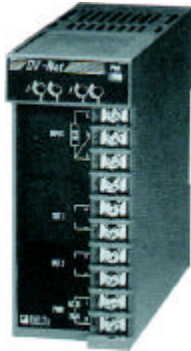


General Specifications

1&2 OUT AC CURRENT TRANSDUCER



This is a high accurate instrument which receives alternating current of sinusoidal as input, calculates average-value and converts to DC voltage current output signal proportional to effective-value of input. Power adopt free voltage.

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

SPECIFICATIONS

ITEMS	DESCRIPTIONS	
INPUT LOSS	Less than 0.5VA	
OVER-INPUT	200% 1 minute	
OUTPUT	DC Current or DC Voltage Signal	
ACCURACY	¼ 0.3% Max.	
TEMP. COEFFICIENT	¼ 0.02% / ƒ	
LINEARITY	¼ 0.1% F.S	
REPEATABILITY	¼ 0.1% F.S	
RESPONSE TIME	Less than 0.5Sec (0-90%)	
RIPPLE	0.2% F.S	
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	
POWER CONSUMPTION	Less than 7VA	
AMBIENT-TEMP	-5~+55°C (20~130p)	
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 C T - [] [] [] []

INPUT SIGNAL

- 1 AC 0~1A
- 2 AC 0~5A
- 3 Others

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 | Z Other Voltage |
| (Less than 20mA) | (Less than 12V) |

2ND OUTPUT SIGNAL

- N None
- Same Range Availability as OUTPUT 1ST

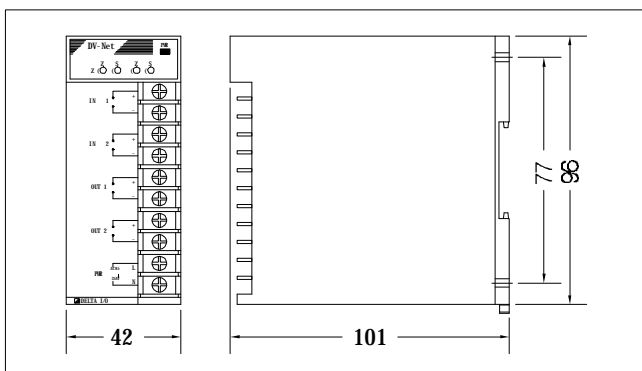
POWER SUPPLY

- 1 AC 100 ~ 240V

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	-		