

# General Specifications

## 1 & 2 OUT AC VOLTAGE TRANSDUCER



This is a high accurate instrument which receives alternating voltage 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% / °C	
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 CONSUMPTION	Less than 7VA	
AMBIENT-TEMP	-5~ +55°C (20~ 130ℓ )	
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 P T - [ ] [ ] [ ] [ ]

INPUT SIGNAL ————  
 1 AC 0~110V    3 AC 0~300V  
 2 AC 0~150V    4 AC 0~600V  
 5 Other Voltage by Specified

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)

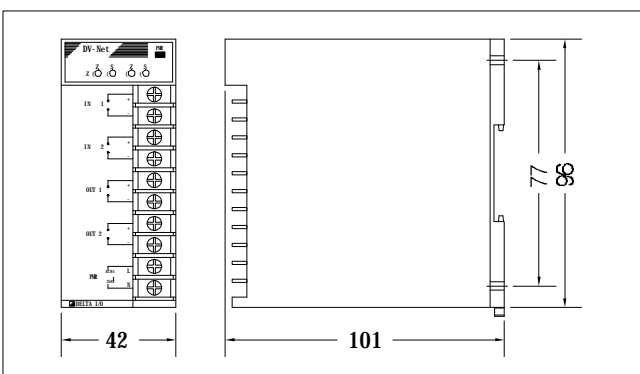
2ND OUTPUT SIGNAL ————  
 N None  
 Same Range Availability as OUTPUT 1ST

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	-		