General Specifications

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 and current output signal proportional to effective-value of input.

SPECIFICATIONS

ITEMS	*DESCRIPTIONS*		
INPUT LOSS	*Less than 0.5VA*		
OVER-INPUT	*200% 1 minute*		
OUTPUT	*DC Current or DC Voltage Signal*		
ACCURACY	*± 0.3% Max.*		
TEMP. COEFFICIENT	*± 0.02% / °C*		
LINEARITY	*± 0.1% F.S*		
REPEATABILITY	*± 0.1% F.S*		
RESPONSE TIME	*Less than 0.5Sec (0-90%)*		
INSULATION RESISTANCE	*Greather than 100MΩ at DC 500V*		
DIRECTRIC-STRENGTH	*Input-Power*	*AC1,500V*	*1 minute*
	Input-Output	*AC1,500V*	
	Input-Ground	*AC1,500V*	
POWER SUPPLY	*AC110V AC220V ± 10% 50-60Hz 3.5VA*		
AMBIENT-TEMP	*-5~+55°C (20~130°F)*		
HUMIDITY	*Less than 90% RH (no condensation)*		
LINEARLIZER	*Standard function*		
CASE MATERIAL	*ABS*		
COLOR	*MUNSELL No. 7.5YR 5/2*		
WEIGHT	*About 500g*		
DIMENSION	*W50 x H80 x D123mm*		
MOUNTING	*WALL or DIN Rail*		
OUTPUT LOAD RESISTANCE	*Refer to Attached Technical Sheet.*		

ORDERING CODE

MODEL : D P P T - □ □ □ - □

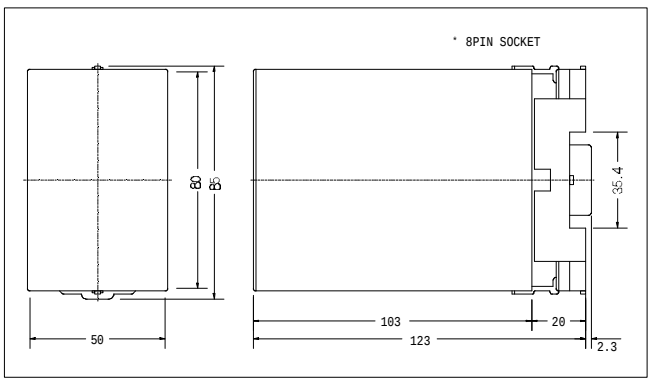
INPUT SIGNAL
- *1 AC 0~110V*
- *2 AC 0~150V*
- *3 AC 0~300V*
- *4 AC 0~600V*
- *5 Other Voltage by Specified*

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

POWER SUPPLY
- *1 AC 110V*
- *2 AC 220V*
- *3 DC 24V*

I/O ISOLATION
- *G : General*
- *Y : Isolation*

DIMENSION



WIRING DIAGRAM