

General Specifications

ANALOG TO PULSE CONVERTER



This instrument changes to pulse by input of DC voltage and current signal occurred from electromagnetic flow meter and area type flow meter, etc. Input, output, power have built in separated isolation circuit.

SPECIFICATIONS

ITEMS	DESCRIPTIONS
INPUT	DC signal (Current input to be combined through the application of precise resistor shunt)
OUTPUT	Open Collector AC/DC switch
OUTPUT RATING	DC24V 50mA AC100V 200mA Max. Max. DC150V 200mA Max.
OUTPUT FREQUENCY	Less than 1KHz
ACCURACY	¼ 0.3% Max.
TEMP. COEFFICIENT	¼ 0.02% / °C
LINEARITY	¼ 0.1% F.S
REPEATABILITY	¼ 0.05% F.S
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V
DIELECTRIC-STRENGTH	Input-Power AC1,500V
	Input-Output AC1,500V
	Input-Ground AC1,500V
	1 minute
POWER SUPPLY	AC110V AC220V ¼ 10% 50-60Hz 3.5VA
AMBIENT-TEMP	-5~ +55°C (20~ 130°F)
HUMIDITY	Less than 90% RH (no condensation)
LINEARIZER	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 A P - [] [] [] - []

INPUT SIGNAL

1 DC 0~10mV	A DC 0~1mA	G DC 4~20mA
2 DC 0~100mV	B DC 0~10mA	H Others
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	

OUTPUT SIGNAL

- Open Collector
- AC/DC Switch

POWER SUPPLY

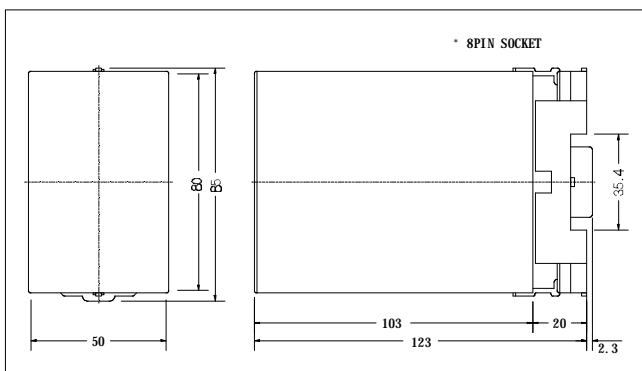
- AC 110V
- AC 220V
- DC 24V

I/O ISOLATION

G : General Y : Isolation

* Please Specify the Frequency Range When you Order.

DIMENSION



WIRING DIAGRAM

