

General Specifications

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.

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% / °C
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
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℉)
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 S T - -

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

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)

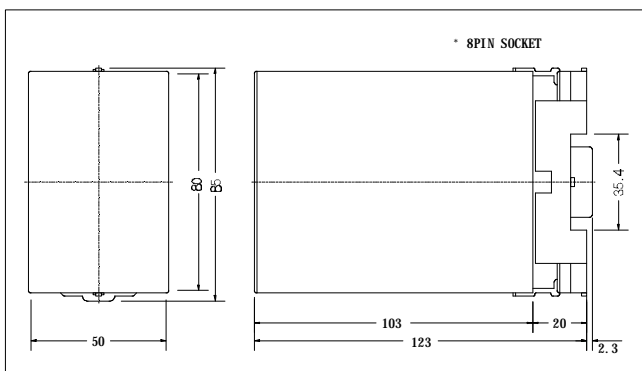
POWER SUPPLY

1 AC 110V	2 AC 220V	3 DC 24V
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I/O ISOLATION

G : General Y : Isolation

DIMENSION



WIRING DIAGRAM

