

General Specifications

2 ISOLATED OUTPUTS STRAIN GAUGE CONVERTER



This instrument converts to DC current or voltage as receiving signal of load cell or strain gauge as input.

It actualizes a high accurate performance that residual magnetic voltage selects constant voltage, the amplifier circuit is low noise type.

Especially, it is advantageous to construct loop as that the input & output is separated completely and is isolated between 2 outputs.

SPECIFICATIONS

ITEMS	DESCRIPTIONS
LOAD CELL TO BE COMBINED	Bridge Resistance 350Ω or more rated output Voltage 2mV/V and others
APPLIED VOLTAGE	DC 10V (Standard)
OUTPUT	DC 4~20mA, 0~1V, 0~10V, 0~5V, 1~5V, 0~2V
ACCURACY	1/4 0.2% Max.
TEMP. COEFFICIENT	1/4 0.015% / °C
LINEARITY	1/4 0.02% F.S
REPEATABILITY	1/4 0.05% F.S
RESPONSE TIME	Less than 0.5Sec (0-90%)
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V
DIELECTRIC-STRENGTH	Input-Power AC1,000V
	Input-1st Out-2nd Out AC1,000V
	Input-Ground AC1,000V
	1 minute
POWER SUPPLY	AC110V AC220V 1/4 10% 50-60Hz 4VA
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 D132mm
MOUNTING	WALL or DIN Rail
OUTPUT	
LOAD RESISTANCE	Refer to Attached Technical Sheet.

ORDERING CODE

MODEL : D W L S - -

EXT. VOLTAGE

- 1 DC 5V
- 2 DC 10V
- 3 Other Voltages

LOAD CELL

- 1 2mV/V
- 2 Others

1ST OUTPUT SIGNAL

- 7 DC 4~20mA
- F DC 1~5V
- G Others

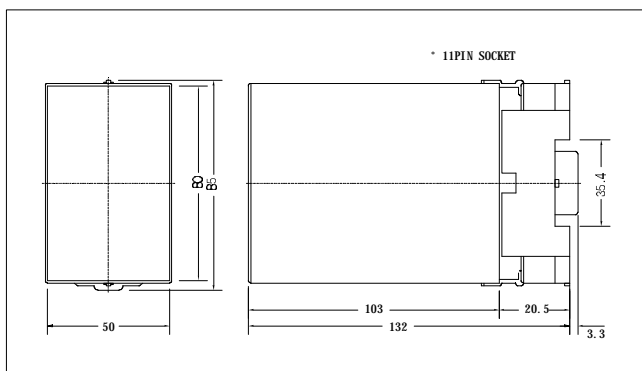
2ND OUTPUT SIGNAL

- 7 DC 4~20mA
- F DC 1~5V
- G Others

POWER SUPPLY

- 1 AC100~240V
- 2 DC 24V

DIMENSION



WIRING DIAGRAM

