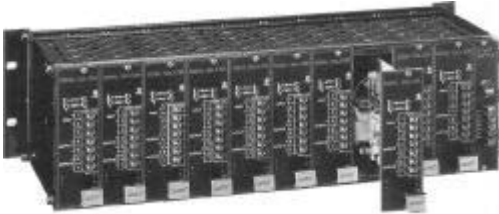# General Specifications

1&2 OUT STRAIN GAUGE CONVERTER

This instrument converts to DC current or voltage as receiving signal of load cell or strain gauge into input. It actualizes 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	¾ 0.2% Max.		
TEMP. COEFFICIENT	¾ 0.015% / ℃		
LINEARITY	¾ 0.02% F.S		
REPEATABILITY	¾ 0.05% F.S		
RESPONSE TIME	Less than 0.5Sec (0-90%)		
INSULATION RESISTANCE	Greather than 100MΩ at DC 500V		
DIRECTRIC-STRENGTH	Input-Power	AC 1,500V	1 minute
	Input-1st Out-2nd Out	AC 1,500V	
	Input-Ground	AC 1,500V	
POWER SUPPLY	AC 110V AC 220V ¾ 10% 50-60Hz 4VA		
AMBIENT-TEMP	-5~+55℃ (20~130℉)		
HUMIDITY	Less than 90% RH (no condensation)		
LINEARLIZER	Standard function		
CASE MATERIAL	AL		
COLOR	BLACK		
WEIGHT	About 360g		
DIMENSION	W41 x H128.5 x D173mm		
MOUNTING	19 INCH STD. RACK MOUNTING FRAME (DUR-10G)		
OUTPUT LOAD RESISTANCE	Refer to Attached Technical Sheet.		

■ ORDERING CODE

MODEL : D U L S - ☐ ☐ ☐ ☐ - ☐

EXT. VOLTAGE
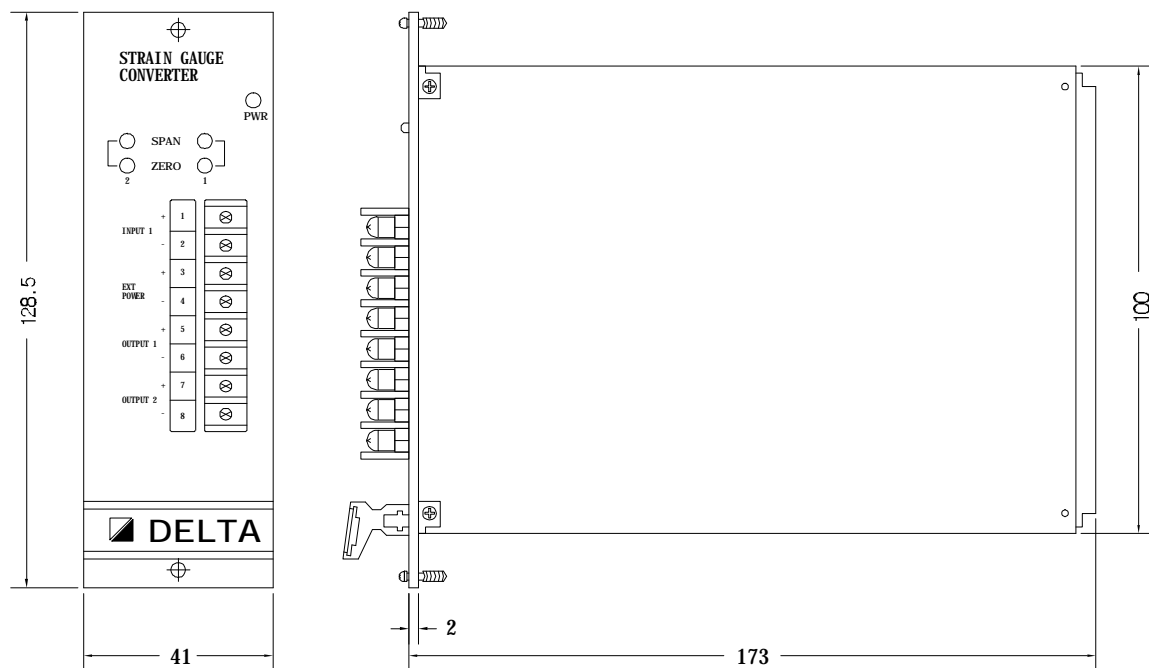 7 DC 5V
  F DC 10V
  G Other Voltages

LOAD CELL
  1 2mV/V
  2 Others

1ST OUTPUT SIGNAL
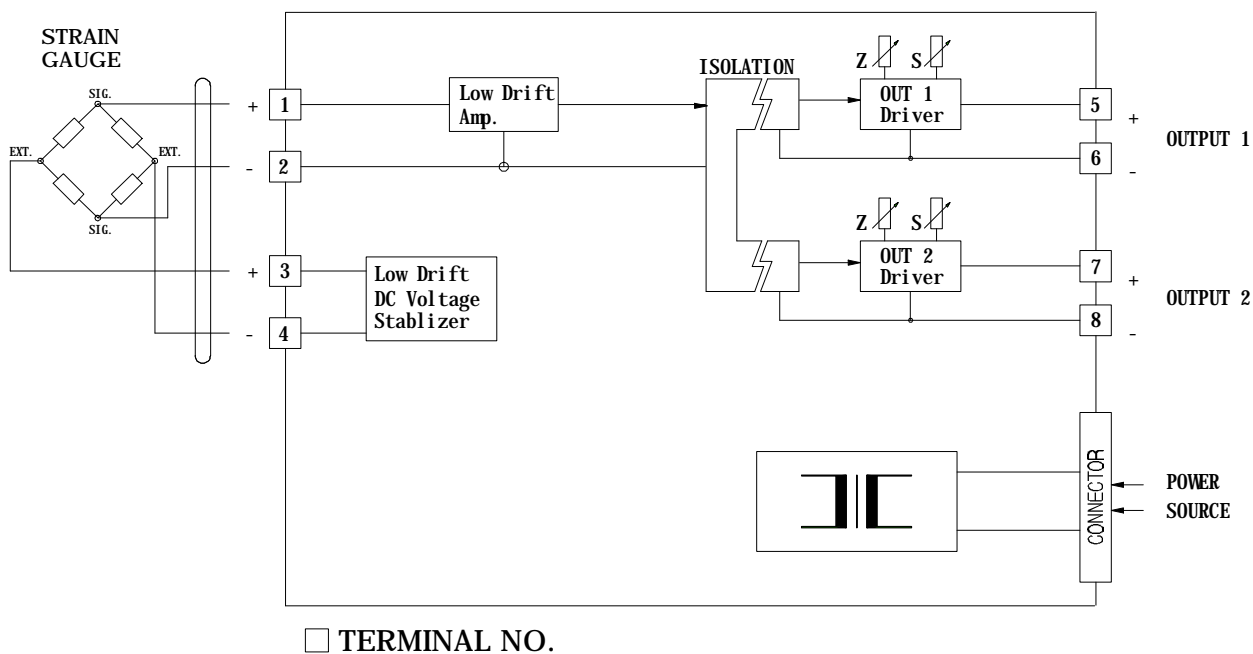 7 DC 4~20mA
  F DC 1~5V
  G Others

2ND OUTPUT SIGNAL
  7 DC 4~20mA
  F DC 1~5V
  G Others
  N None

POWER SUPPLY
  1 AC 110V
  2 AC 220V

■ *TERMINAL ASSIGNMENT & DIMENSION*

■ *SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM*

□ TERMINAL NO.

Specifications subject to change without notice.