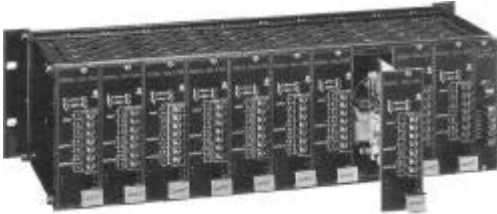


General Specifications

1 & 2 OUT SIGNAL ISOLATOR



This instrument receives DC voltage and current as input signal and provides conversion output in state that the input & output is separated completely. Especially, input & output has built in photo-coupler and power, input & output have built in 3 way isolation circuit separated by transformer,

This is a high accurate converter which is the most compatible to protection of impulse noise, high peak voltage required from isolation with field instrument, computer interface, etc. Especially, it is advantageous to construct loop as that the input & output is separated completely and is isolated between 2 outputs.

SPECIFICATIONS

ITEMS	DESCRIPTIONS		
INPUT	DC Current or DC Voltage Signal		
OUTPUT	DC Current or DC Voltage Signal		
ACCURACY	¼ 0.1% Max.		
TEMP. COEFFICIENT	¼ 0.015% / ½		
LINEARITY	¼ 0.02% F.S		
REPEATABILITY	¼ 0.02% F.S		
RESPONSE TIME	Less than 0.5Sec (0-90%)		
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V		
DIELECTRIC-STRENGTH	Input-Power	AC1,500V	1 minute
	Input-1st Out-2nd Out	AC1,500V	
	Input-Ground	AC1,500V	
POWER SUPPLY	AC110V AC220V ¼ 10% 50-60Hz 4VA		
AMBIENT-TEMP	-5~ + 55½ (20~ 130¼)		
HUMIDITY	Less than 90% RH (no condensation)		
LINEARIZER	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 S I - [] [] [] - []

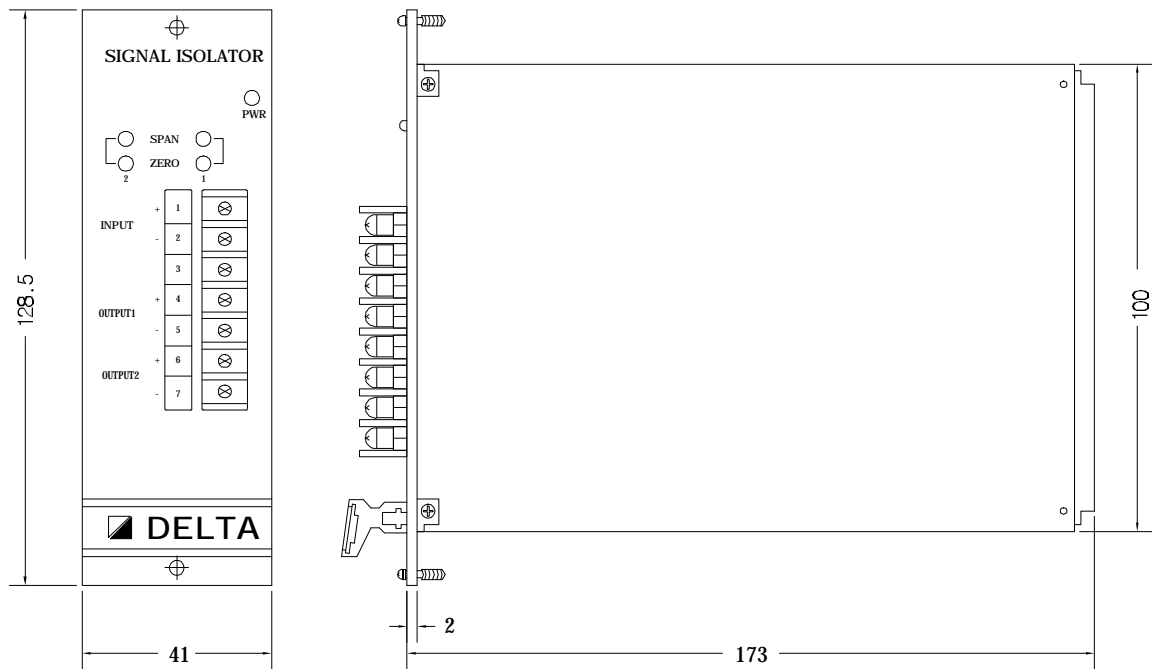
INPUT SIGNAL _____
 7 DC 4~ 20mA
 F DC 1~ 5V
 G Others

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

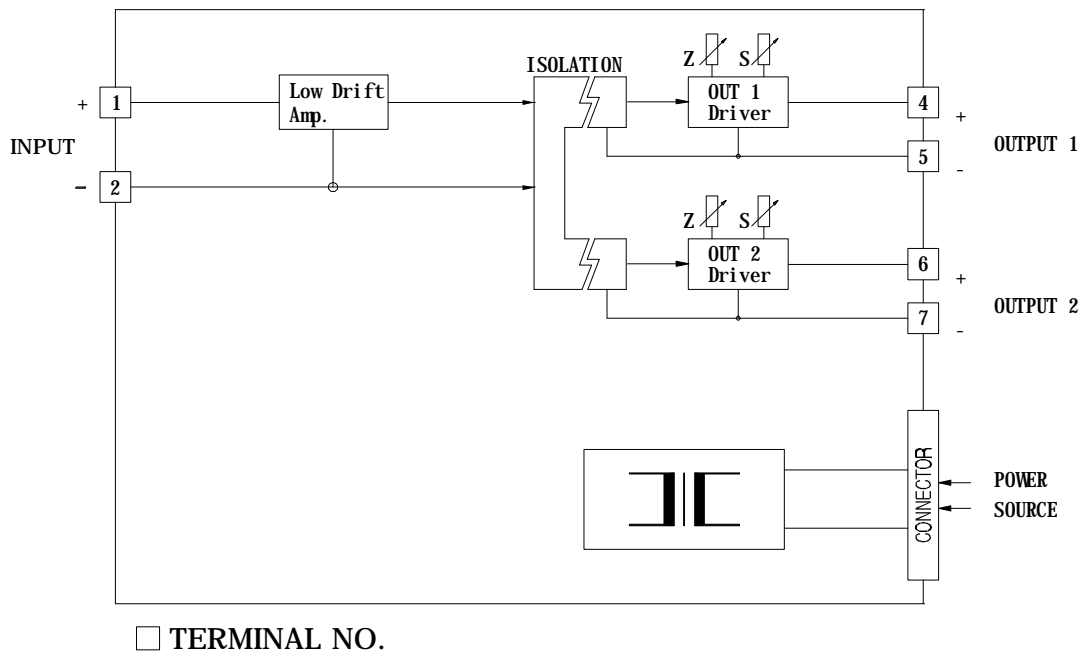
2ND OUTPUT SIGNAL _____
 7 DC 4~ 20mA
 F DC 1~ 5V
 G Others
 N None

POWER SUPPLY _____
 1 AC110V
 2 AC220V

■ TERMINAL ASSIGNMENT & DIMENSION



■ SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM



Specifications subject to change without notice.