

General Specifications

2 ISOLATED OUTPUTS STRAIN GAUGE CONVERTER



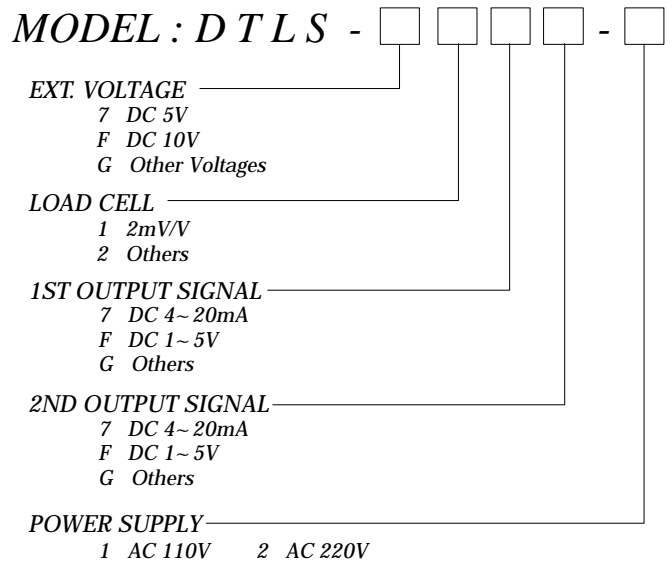
This instrument converts to DC current or voltage as receiving signal of load cell or strain gauge as input. It actualizes a high accurate performance that residual magnetic voltage selects constant voltage, the amplifier circuit is low noise type.

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

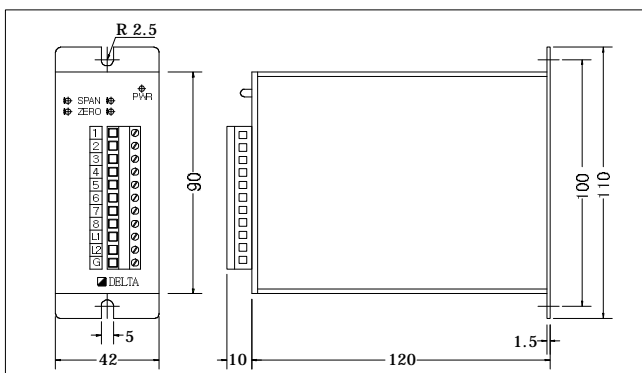
SPECIFICATIONS

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	¼ 0.2% Max.	
TEMP. COEFFICIENT	¼ 0.02% F.S / °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	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~+55°C (20~130ℳ)	
HUMIDITY	Less than 90% RH (no condensation)	
LINEARIZER	Standard function	
CASE MATERIAL	AL	
COLOR	BLACK	
WEIGHT	About 500g	
DIMENSION	W42 x H90 x D120mm	
MOUNTING	WALL	
OUTPUT		
LOAD RESISTANCE	Refer to Attached Technical Sheet.	

ORDERING CODE



DIMENSION



WIRING DIAGRAM

INPUT		OUTPUT		POWER	
1	+	5	+	L1	U(+)
2	-				L2
3		7	+	G	GND
SIGNAL		1ST OUTPUT			
EXCITATION (10VDC)		2ND OUTPUT			