

General Specifications

2 ISOLATED OUTPUTS POWER DISTRIBUTOR



This instrument is a high accurate converter which provides simultaneously power supply and signal conversion to all transmitters such as pressure transmitter, flow transmitter, level transmitter, etc and contains overcurrent and overvoltage protection circuit inside. It is isolated between signal transmitted from transmitter and output signal of converter, not necessary to use extra isolator when loop constructing.

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

SPECIFICATIONS

ITEMS	DESCRIPTIONS
OUTPUT RATING	DC24V (24~28V DC) 22mA Max.
SUPPLY TO XTR	(Ripple : Less than 0.1Vp-p)
ACCURACY	¼ 0.1% Max.
TEMP. COEFFICIENT	¼ 0.015% F.S / °C
RESPONSE TIME	Less than 0.5Sec (0~90%)
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V
DIELECTRIC-STRENGTH	Input-Power AC1,500V
	Input-1st Out-2nd Out AC1,500V
	Input-Ground AC1,500V
	1 minute
POWER SUPPLY	AC110V AC220V ¼ 10% 50-60Hz 4VA
AMBIENT-TEMP	-5~+55°C(20~130℉)
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

MODEL : D T P S - -

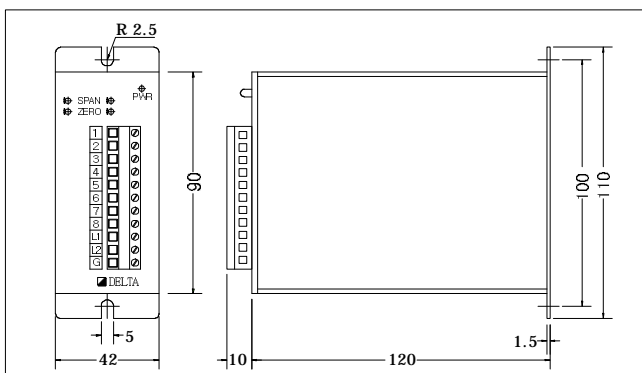
INPUT SIGNAL
DC 4~20mA

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 AC 110V 2 AC 220V

DIMENSION



WIRING DIAGRAM

INPUT		OUTPUT		POWER	
1	+	5	+	L1	U(+)
2	-	6	-	L2	V(-)
NC		7	+	G	GND
		8	-		