

General Specifications

MULTIPLIER & DIVIDER



This convert is applied to use that needs to multiplication & division of temperature, flow pressure, etc. Especially, it is appropriate as calculator for control loop of temperature, pressure compensation and is usable depending on process conditions on the basis of 2 inputs.

SPECIFICATIONS

ITEMS	DESCRIPTIONS	
INPUT	DC Voltage (1~5V) or DC Current (4~20mA) Signal	
OUTPUT	DC Voltage (1~5V) or DC Current (4~20mA) Signal	
NUMBER OF INPUT	2	
ACCURACY	¼ 0.2% Max.	
TEMP. COEFFICIENT	¼ 0.015% / °C	
LINEARITY	¼ 0.05% 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
	Input-Output	AC1,500V
	Input-Ground	AC1,500V
	1 minute	
POWER SUPPLY	AC110V AC220V ¼ 10% 50-60Hz 3.5VA	
AMBIENT-TEMP	-5~ +55°C (20~130ℱ)	
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 S M D - [] [] [] [] - []

FUNCTION

- 1 Multiplier
- 2 Divider

INPUT SIGNAL

- 7 DC 4~20mA
- 8 Other Current (Less than 20mA)
- F DC 1~5V
- G Other Voltage (Less than 12V)

OUTPUT SIGNAL

- 7 DC 4~20mA
- 8 Other Current (Less than 20mA)
- F DC 1~5V
- G Other Voltage (Less than 12V)

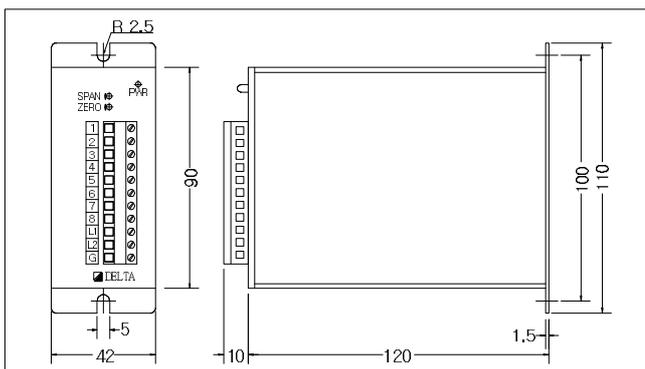
POWER SUPPLY

- 1 AC 110V
- 2 AC 220V

I/O ISOLATION

- G : General
- Y : Isolation

DIMENSION



WIRING DIAGRAM

INPUT		OUTPUT		POWER	
1	+	5	+	L1	U(+)
2	-		-		L2
3	+	7	NC	G	GND
4	-				