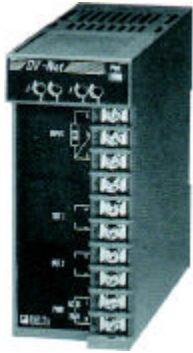


General Specifications

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 a high accurate performance that residual magnetic voltage selects constant voltage, the amplifier circuit is low noise type.

In the mounting method, you can freely select one between DIN RAIL mounting and WALL MOUNTING.

SPECIFICATIONS

ITEMS	DESCRIPTIONS	
LOAD CELL TO BE COMBINED	Bridge Resistance 350Ω or more rated output Voltage 2mV/V and others	
APPLIED VOLTAGE	DC 10V	
OUTPUT	DC 4~20mA, 0~1V, 0~10V, 0~5V, 1~5V, 0~2V	
ACCURACY	¼ 0.2% Max.	
AMBIENT TEMP. EFFECT	¼ 0.02% / °F	
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	
DIRECTRIC-STRENGTH	Input-Power	AC1,000V
	Input-Output	AC1,000V
	1ST Out-2ND Out	AC1,000V
POWER SUPPLY	AC Driven	AC85~264V 50-60Hz
	DC Driven	DC 24V ¼ 10% 130mA
POWER CONSUMPTION	Less than 7VA	
AMBIENT-TEMP	-5~+55°C (20~130ℳ)	
HUMIDITY	Less than 90% RH (no condensation)	
LINEARIZER	Standard function	
CASE MATERIAL	ABS / PC	
COLOR	BLUE	
WEIGHT	About 300g	
DIMENSION	W42 x H96 x D101mm	
MOUNTING	WALL or DIN RAIL	
OUTPUT		
LOAD RESISTANCE	Refer to Attached Technical Sheet.	

ORDERING CODE

MODEL : D V L S - [] [] [] [] - []

EXT. VOLTAGE

Excitation : 3-12V Adjustable (10V Standard)

LOAD CELL

1 1mV/V 4 4mV/V
2 2mV/V 5 5mV/V
3 3mV/V 6 Others

1ST OUTPUT SIGNAL

1 DC 0~1mA A DC 0~10mV
2 DC 0~10mA B DC 0~100mV
3 DC 0~16mA C DC 0~1V
4 DC 0~20mA D DC 0~10V
5 DC 1~5mA E DC 0~5V
6 DC 2~10mA F DC 1~5V
7 DC 4~20mA G DC -10~10V
0 Other Current Z Other Voltage (Less than 20mA) (Less than 12V)

2ND OUTPUT SIGNAL

N None
Same Range Availability as OUTPUT 1ST

POWER SUPPLY

1 AC100V ~ 240V 2 DC 24V

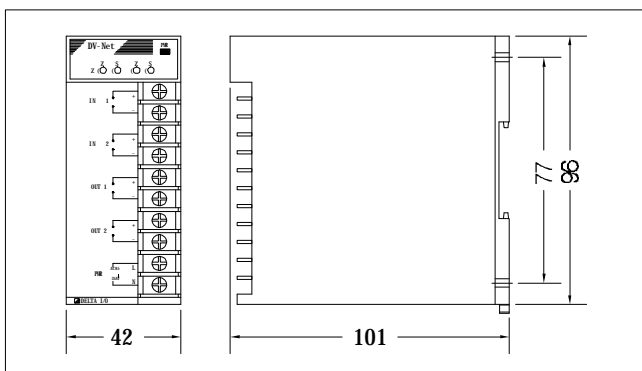
I/O ISOLATION

G : General Y : Isolation

OUTPUT RESISTANCE

OUTPUT SIGNAL	LOAD RESISTANCE
1 ~ 5mA 4 ~ 20mA 1 ~ 5V 0 ~ 10V	Less than 2.4K Ω Less than 600 Ω More than 500 Ω More than 1K Ω

DIMENSION



WIRING DIAGRAM

INPUT		OUTPUT		POWER	
1	+	5	+	9	L(+)
2	-				10
3	+	7	+	10	L(+)
4	-				