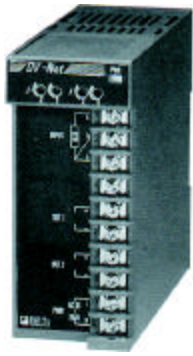


General Specifications

1 & 2 OUT R.T.D. CONVERTER



This instrument is a high accurate converter which receives RTD as input signal and converts variation of resistance following temperature to DC voltage and current output signal.

Also developed feed back circuit by our company is actualized high accurate linearization and compensation of line resistance, power adopt free voltage.

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

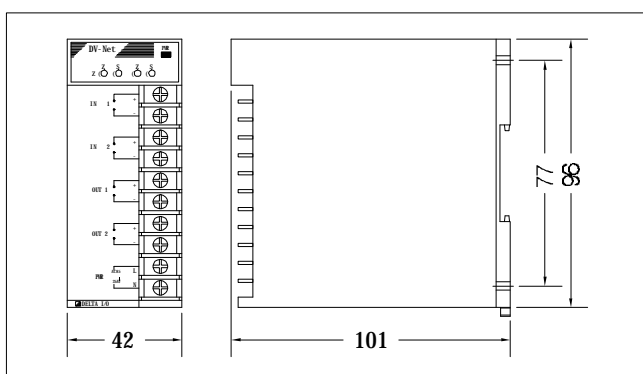
SPECIFICATIONS

ITEMS	DESCRIPTIONS	
INPUT	JPt 100Ω 3wire (Over 50deg) Adjustment needed for 2 wire bulb Permissible resistance of cable less than 200Ω	
SUPPLY CURRENT TO Pt BULB	DC 1mA	
OUTPUT	DC Current or DC Voltage Signal	
ACCURACY	¼ 0.2% Max.	
TEMP. COEFFICIENT	¼ 0.015% / ℃	
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
	1 minute	
BURN-OUT	Upper Limit	
POWER SUPPLY	AC Driven	AC85~264V 50-60Hz
	DC Driven	DC 24V ¼ 10% 130mA
POWER CONSUMPTION	Less than 7VA	
AMBIENT-TEMP	-5~+55℃ (20~130p)	
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.	

STANDARD INPUT RANGE (UNIT: ℃)

INPUT	RANGE
JPt 100Ω	0~50,0~100,0~150,0~200,0~250,0~300,0~400, 0~500,-20~+80,-50~+50,-50~+150,50~100, 50~150,100~200,100~300,200~400

DIMENSION



ORDERING CODE

MODEL : D V R B - [] [] [] [] - []

INPUT SIGNAL _____
 1 JPt 100Ω (JIS) 3-wire
 2 Pt 100Ω (DIN) 3-wire
 3 Others

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

2ND OUTPUT SIGNAL _____
 N None
 Same Range Availability as OUTPUT 1ST

POWER SUPPLY _____
 1 AC100V ~ 240V
 2 DC 24V

BURN OUT _____
 U : Up scale

* Please Specify the Input Range When you Order.

OUTPUT RESISTANCE

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

WIRING DIAGRAM

INPUT		OUTPUT		POWER	
1	A	5	+	9	L(+)
2	B	6	-		
3	B	7	+	10	N(-)
4	NC	8	-		