

# 數字式電錶 4 1/2 DIGITAL PANEL METER (ANALOG OUTPUT)



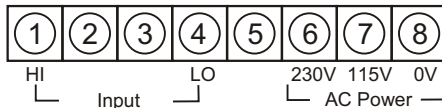
- DP - 42D DC V or A Meter
- DP - 42A AC V or A Meter
- DP - 42T True RMS V or A Meter
- DP - 42R Resistor Meter
- DPA - 42D DC V or A Meter (Analog o/p)
- DPA - 42A AC V or A Meter (Analog o/p)
- DPA - 42C RTD Temp. Meter (Analog o/p)
- DPA - 42R Resistor Meter

## Specifications

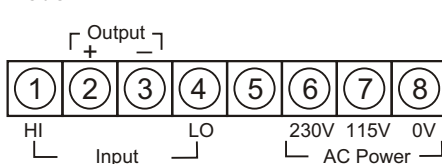
- Display** : 4 1/2 digits (19999), 0.56" LED high
- Conversion Rate** : 2.5/sec.(DC) or 1/sec.(AC)
- Span Adjustment** :  $\pm 10\%$
- Polarity Display** : "-" symbol is displayed automatically
- Over range indication** : "0000" flash
- Accuracy** :  $\pm 0.2\%$  FS.  $\pm 1$  digit  
RTD  $\pm 0.2\%$  FS.  $\pm 1$  digit
- Operating Temp.** : 0~60°C/ below 80%R.H.
- Storage Temp.** : -10~70°C/ below 70% R.H.
- Power Supply** : AC 115/230V  $\pm 10\%$ , 50/60Hz  
Option : DC 24, 48, 120V  $\pm 20\%$
- Power Consumption** : Approx. 2VA
- Dielectric Strength** : AC 1500V/1min ( Input / Power )
- Insulation Resistance** : More than 100M $\Omega$  at 500VDC
- Dimensions** : 96(W) x 48(H) x 112.5(D)mm ---DPA-42  
96(W) x 48(H) x 104(D)mm ---DP-42
- Panel Cut-Out** : 91.4(W) x 44(H)mm

## Connection Diagram

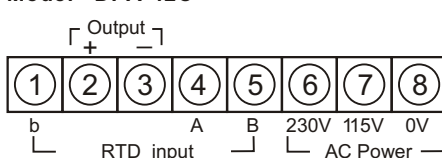
Model : DP-42



Model : DPA-42



Model : DPA-42C



## Isolated Analog output

Output : Voltage 0~10V, Ampere 4~20mA  
Accuracy :  $\pm 0.1\%$  F.S

## Order Code

Model -  -  -  -

**Range** \_\_\_\_\_  
V1~V5, A1~A7  
11, 21  
C1~C4  
R1~R5  
Y : Option

**Power Supply** \_\_\_\_\_  
1 : AC 115/230V  $\pm 10\%$ , 50/60Hz  
Y : Option. (DC 24, 48  $\pm 20\%$ )

**Analog output** \_\_\_\_\_  
N : none  
1 : DC 4~20mA  
2 : DC 0~10V  
Y : Option

## Measurement Item

Code	Range	Input Impedance	Input Protection
V1	0~199.99mV	100M $\Omega$	100V
V2	0~1.9999V	1M $\Omega$	250V
V3	0~19.999V	1M $\Omega$	500V
V4	0~199.99V	1M $\Omega$	750V
V5	0~600.0V	1M $\Omega$	750V
A1	0~199.99uA	1K $\Omega$	100mA
A2	0~1.9999mA	100 $\Omega$	300mA
A3	0~19.999mA	10 $\Omega$	500mA
A4	0~199.99mA	1 $\Omega$	1A
A5	0~1.9999A	0.1 $\Omega$	5A
A6	0~5.000A	0.05 $\Omega$	10A
A7	0~10.000A	0.01 $\Omega$	20A
21	4~20mA (DC)	10 $\Omega$	200mA
11	1~5V (DC)	1M $\Omega$	300V

Model : DP-42C / DPA-42C

Code	Range	Sensor
C1	-100.0~100.0°C	PT-100 DIN --- Standard (JIS --- Option)
C2	0~100.0°C	
C3	0~200.0°C	
C4	0~400.0°C	

Model : DPA-42R/ DP-42R

Code	Range
R1	0~199.99 $\Omega$
R2	0~1.9999K $\Omega$
R3	0~19.999K $\Omega$
R4	0~199.99K $\Omega$
R5	0~1.9999M $\Omega$