

# DP3 DIGITAL PANEL METER



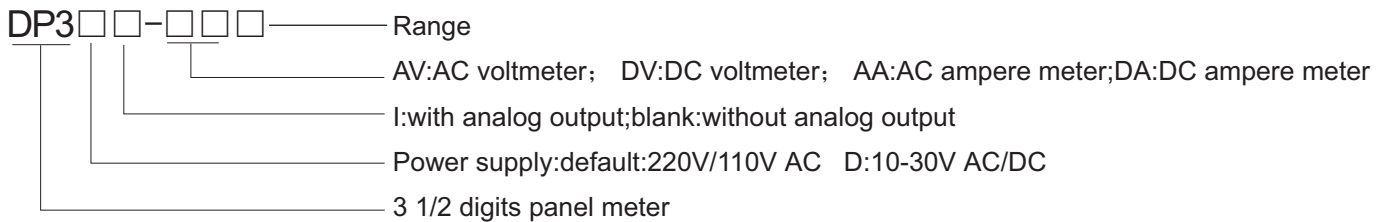
48H×96W×100L



## FEATURES

- ⊙ Optional analog output (4~20mA or 0~20mA selectable)
- ⊙ Sampling rate 2.5 times/s
- ⊙ Average value measured
- ⊙ Dimension (mm): 48H\*96W\*100L
- ⊙ Display range ±1999

## CODE ILLUSTRATION



\*10-30V AC/DC available for special order.

## ORDERING CODE

### ◆ AC voltmeter

Model	Range	Resolution	PT	Accuracy
DP3 (I) -AV0.2	199.9mV	100uV	Direct input	±0.5%F.S±2 Digits
DP3 (I) -AV2	1.999V	1mV	Direct input	±0.5%F.S±2 Digits
DP3 (I) -AV20	19.99V	10mV	Direct input	±0.5%F.S±2 Digits
DP3 (I) -AV200	199.9V	100mV	Direct input	±0.5%F.S±2 Digits
DP3 (I) -AV600	600V	1V	Direct input	±1%F.S±2 Digits
DP3 (I) -AV3K	3.00KV	10V	3KV:100V	±1%F.S±2 Digits
DP3 (I) -AV10K	10.00KV	10V	10KV:100V	±0.5%F.S±2 Digits

Note: (I) means the analog output is optional. Eg. DP3-AV20: without analog output; DP3I-AV20: with analog output.

### ◆ AC ampere meter

Model	range	Resolution	CT	Accuracy
DP3 (I) -AA0.2	199.9mA	100uA	Direct input	±0.5%F.S±2 Digits
DP3 (I) -AA2	1.999A	1mA	Direct input	±0.5%F.S±2 Digits
DP3 (I) -AA20	19.99A	10mA	20A:5A	±0.5%F.S±2 Digits
DP3 (I) -AA50	50.0A	100mA	50A:5A	±1%F.S±2 Digits
DP3 (I) -AA100	100.0A	100mA	100A:5A	±0.5%F.S±2 Digits
DP3 (I) -AA150	150.0A	100mA	150A:5A	±0.5%F.S±2 Digits
DP3 (I) -AA200	199.9A	100mA	200A:5A	±0.5%F.S±2 Digits
DP3 (I) -AA500	500A	1A	500A:5A	±1%F.S±2 Digits
DP3 (I) -AA1000	1000A	1A	1000A:5A	±0.5%F.S±2 Digits
DP3 (I) -AA1500	1500A	1A	1500A:5A	±0.5%F.S±2 Digits
DP3 (I) -AA2000	2000A	1A	2000A:5A	±0.5%F.S±2 Digits

### ◆ DC voltmeter

Model	Range	Resolution	Accuracy
DP3 (I) -DV0.2	199.9mV	100uV	±0.5%F.S±2 Digits
DP3 (I) -DV2	1.999V	1mV	±0.5%F.S±2 Digits
DP3 (I) -DV20	19.99V	10mV	±0.5%F.S±2 Digits
DP3 (I) -DV200	199.9V	100mV	±0.5%F.S±2 Digits
DP3 (I) -DV500	500V	1V	±1%F.S±2 Digits

◆DC ampere meter

Model	Range	Resolution	Splitter	Accuracy
DP3 (1) -DA0.002	1.999mA	1uA	Direct input	±0.5%F.S±2 Digits
DP3 (1) -DA0.02	19.99mA	10uA	Direct input	±0.5%F.S±2 Digits
DP3 (1) -DA0.2	199.9mA	100uA	Direct input	±0.5%F.S±2 Digits
DP3 (1) -DA2	1.999A	1mA	Direct input	±0.5%F.S±2 Digits
DP3 (1) -DA20	19.99A	10mA	20A:75mV	±0.5%F.S±2 Digits
DP3 (1) -DA200	199.9A	100mA	200A:75mV	±0.5%F.S±2 Digits
DP3 (1) -DA2000	1999A	1A	2000A:75mV	±0.5%F.S±2 Digits

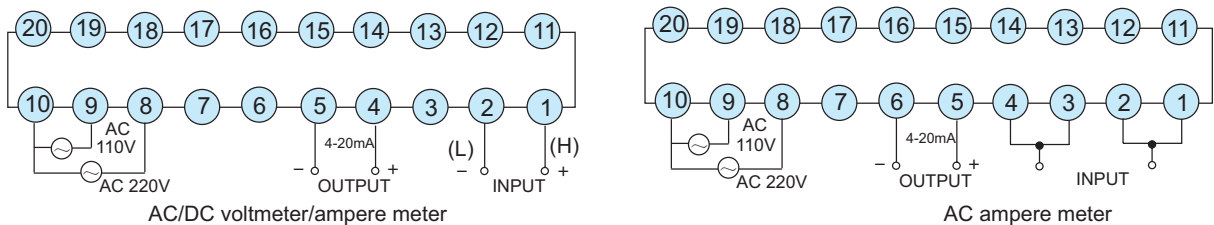
Note:

- (1) All accuracies above are obtained under 20±2°C,45-75%RH.
- (2) All CTs,PTs & splitters above are basic models,while units with other ranges can also be provided as specified.  
For example,CT with primary current 10A,15A,30A,75A,250A,1500A;DC splitter with primary current 10A,15A,75A,300A,1500A;  
PT with primary voltage 1KV,6KV,11KV,35KV,10KV.
- (3) CT with secondary current 5A,PT with secondary voltage 100V,DC splitter with secondary voltage 75mV are acceptable as default.  
Specail requirements to be specified in advance.

■ TECHNICAL SPECIFICATION

Max.display	1999 (average value for AC signal)
Input	Single-terminal input
Measurement mode	Dual A/D conversation
Frequency range	40~200Hz (for AC only)
Overflow indication	"1" or "-1"
Polarity	Display "-"for DC only
Display	Red LED (14.2mmH)
Power supply	AC 110/220V±10%, 50/60Hz
Energy consumption	≤4.5VA
Dielectrical strenth	AC 1500V/1min
Insulation impedance	DC 500V≥100MΩ
Weight	500g

■ CONNECTION



Note:all connections are subject to the diagram on the meter for change if any.

■ DIMENSION

