

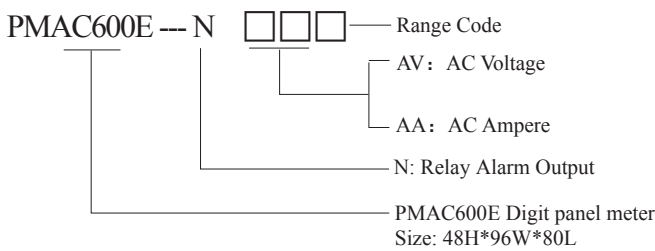
PMAC600E Single Phase Voltage Meter / Ampere Meter



Features:

1. Voltage / Ampere panel free setting by software
2. With alarm output
3. 4 LED display, range: -1999----+9999
4. Sampling rate: 4.5 times/second

1. Order Information



Model	Range	Resolution	Input	Accuracy	Maximum Input Value
PMAC600E-NAV	600V	100uV--1V	Direct Input	± 0.5%F.S.	1000V
PMAC600E-NAA5	5A	1mA	Direct Input	± 0.5%F.S.	5A

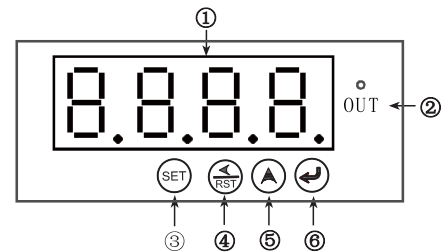
Notice:

1. PMAC600E-NAV, AC Voltage Meter, 600V direct input, measuring range adjustable
2. PMAC600E-NAA5, AC Ampere Meter, 5A direct input, large then 5A, a CT should be used

3 Specification

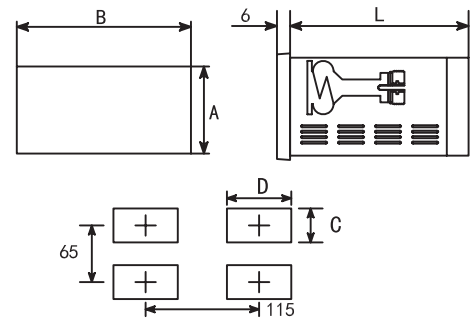
Max.display	9999 (AC Display available scaling function)
Input mode	Single-terminal Input
A/D converter	Dual slope
Frequency range	40~200Hz (Only for AC)
Overflow indication	"1" or "-1"
Polarity display	Only“-”displayed (only DC)
Display	Red LED
Power supply	AC 100-240V ±10%, 50/60Hz
Power consumption	≤5VA
Insulation strength	AC 1500V 1min
Insulation impedance	DC 500V≥100MΩ
Weight	350g

2. Panel Indication



- ① Measured Value / Parameter / Code
- ② OUT Alarm / Current Indicate Lamp
ON: Output OFF: No Alarm
- ③ Parameter Select / Confirm Key
- ④ Shift Key
- ⑤ Up Key
- ⑥ Down Key

4. Dimension



Model \ Size	A	B	L	C	D
PMAC600E	48	96	84	46.5	91.5

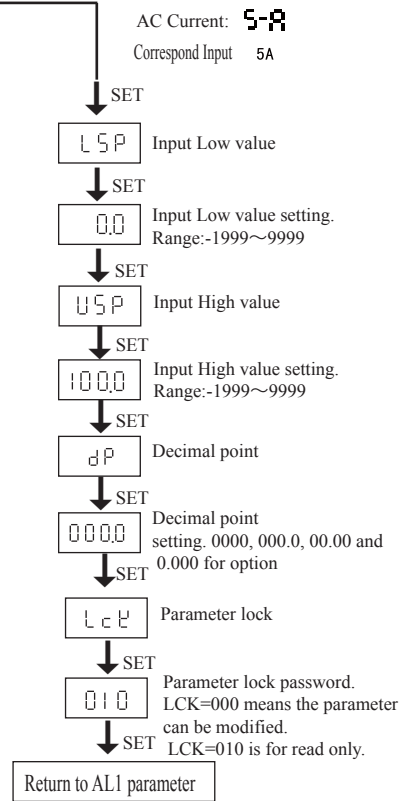
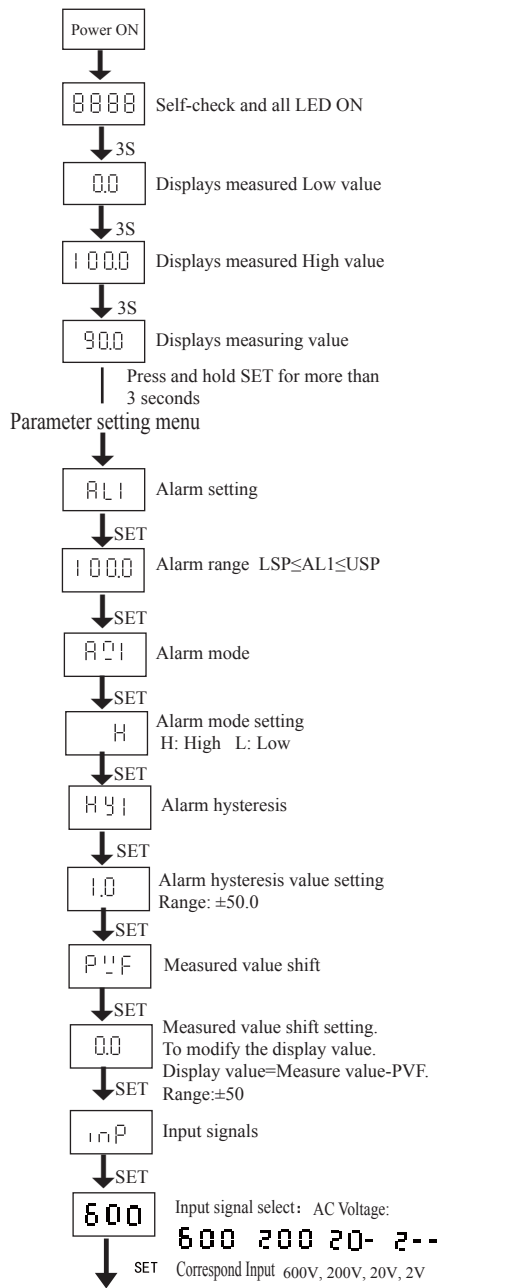
5. Parameter Setting

5-1. Alarm Setting: Press key for more than 3 seconds, enter into Alarm Mode Setting Menu. Press Key, LED flashes, Press / Key for modify. After modification, press key for confirmation

5-2. Zero Point Clear: In the displaying status, without key operation, when the input zero point, press Key for more than 2 seconds, it is for the sensor zero point clear.

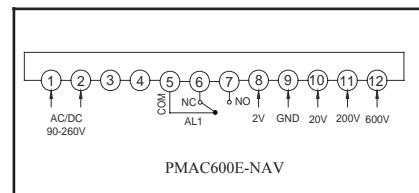
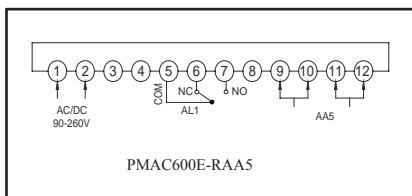
5-3. The instrument will return to the measuring status after 25 seconds without any operation

6. Operation Process



Note: The Parameter is the factory setting value

7. Connection Drawing



8. Simple Problem Shooting

8-1. No Display

Check all the connection and wiring and make sure there is nothing wrong. Specially pay attention to the power supply terminals and signal input terminals, make sure that there is no wrong connection. As well pay attention that do not short the output terminals by strong current

8-2. Wrong Display: Make sure the input signals the same as the selected symbol.

8-3. Wrong Control

When the instrument lost control, please check whether the output diagram connection is correct. Or check whether the components for output damaged.

8-4. UUUU, LLLL, cJr:

When the instrument display "UUUU", it means the input signal exceeds the measured HI range.

When the instrument display "LLLL", it means the input signal exceeds the measured LO range, or input signal terminal connection is contrary.

When the instrument display "cJr", it means there is error for the temperature compensation, please check if there is any component damaged.