

# DC DIGITAL AMMETER

## INSTRUCTION MANUAL

### A. FUNCTION

Measure DC current and display with LCD.

### B. DISPLAY

I. Display interface: High End VA LCD screen+white backlight



Figure 1 display diagram

II . CURRENT RANGE

| PZEM-019A-10A  | PZEM-019A-100A  |
|--|---|
| Working voltage: DC5-12V   | Working voltage: DC5-12V  |
| Measurement range: 0-10A   | Measurement range: 0-100A   |
| Display format   | Display format  |
| <p>&lt;10A display format such as: 9.99A</p> <p>≥10A display format such as: 10.0A</p> | <p>&lt;100A display format such as: 9.99A</p> <p>&lt;100A display format such as: 99.9A</p> <p>≥100A display format such as: 100A</p> |
| Accuracy: ±1%  | Accuracy: ±1%   |

## C. OTHER FUNCTION

### 1. Backlight control

The backlight can be turned on or off by short press the key

### 2. Error adjustment

Step 1: long press the key (about 3 seconds) until the screen digit flashes, and then release the key;

Step 2: Digital flicker means entering error adjustment state, and the digit cycle flickers in sequence: low digit position - middle digit position - high digit position - decimal point. The flicker represents the current adjustable digit, short press the key to adjust the value (Digital 0-9 cycle, decimal point shift);

Step 3: long press the key (about 3 seconds) after the adjustment, the screen display PASS and return to the normal display interface, means the adjustment is successful.

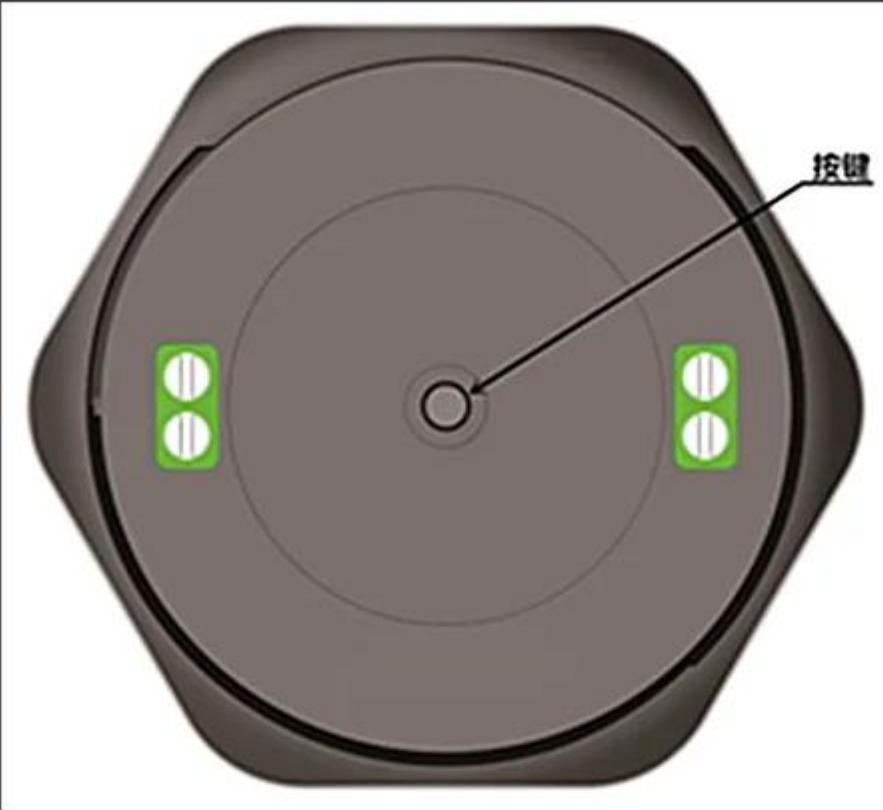


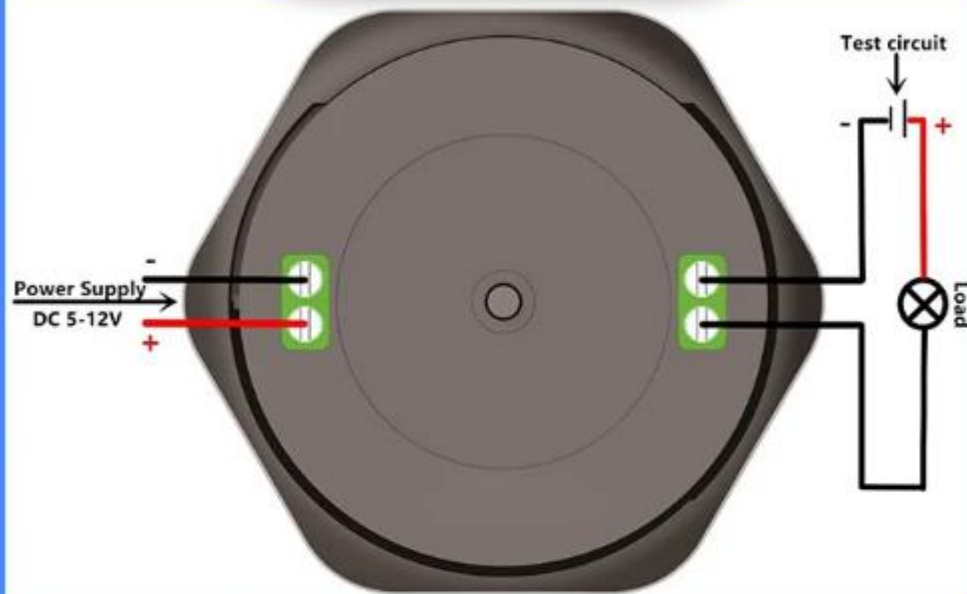
Figure 2 key diagram

## F. ATTENTION

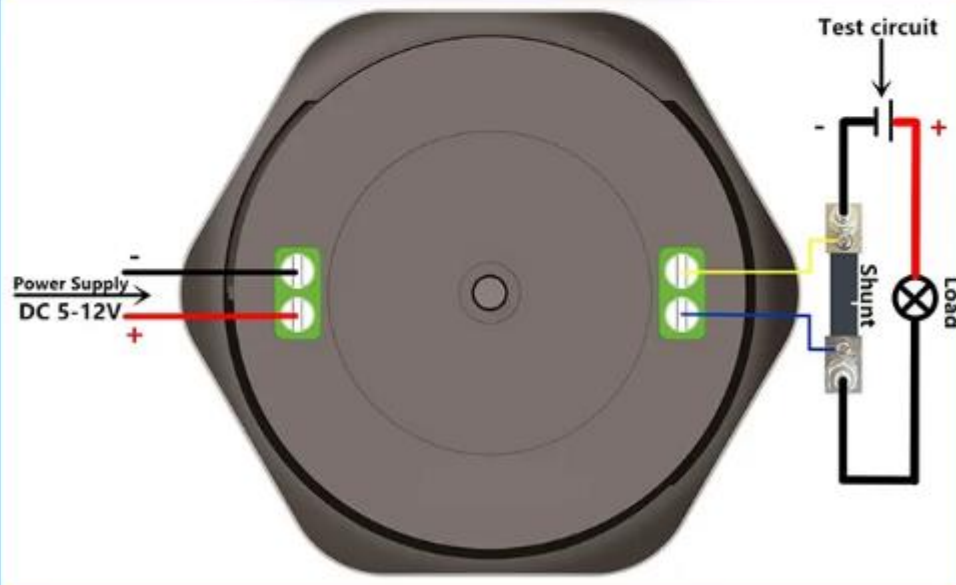
1. This product is suitable for indoor use, cannot be used outdoors.
2. This product is suitable for DC, not AC test.
3. The working voltage and test current shall not exceed the calibration range.
4. Make sure the wiring is correct.

# WIRING DIAGRAM

PZEM-019A-10A



PZEM-019A-100A



Note: It can be matched with only 100A/75mV shunt to test.

