

3. Function setting

While setting the range and the decimal point, be sure to pull out the internal printed circuit board, as the follow figure shows:

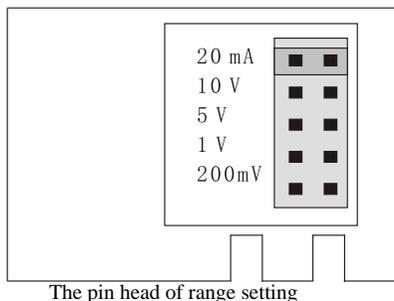


Figure 1

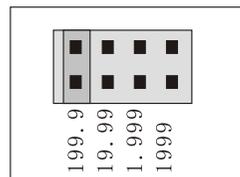


Figure 1

The pin head of decimal point setting

1). Range setting (Figure 1)

The positions of jumper cap	20mA	10V	5V	1V	200mV
Input range	4 ~ 20mA/ 0 ~ 20mA	0 ~ 10V	0 ~ 5V	0 ~ 1V	0 ~ 200mV/ 0 ~ 20mV

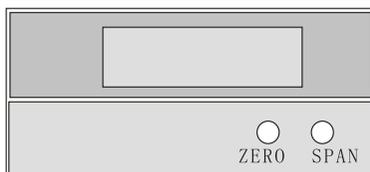
2). Decimal point setting (figure 2)

While moving the jumper cap on different PIN head, you can get the position of the decimal point that you want.

Note: The original setting range is 0 ~ 10V, display 0 ~ 2000, you can adjust it to what you want.

4. Display adjustment

1. While setting the span and zero, please open the front lid. As the following figure shows.



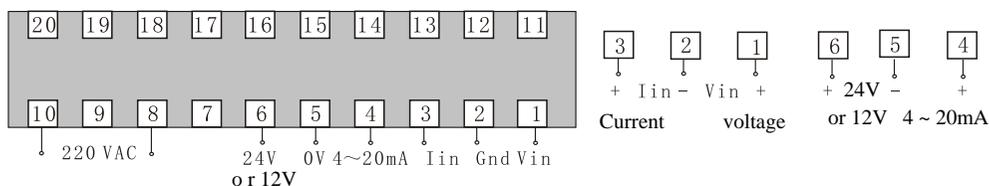
2. Span adjustment (SPAN)

Input a typical value, the display value can be increased, when forward adjust, the display value can be decreased while reverse adjust.

3. Zero adjustment (ZERO)

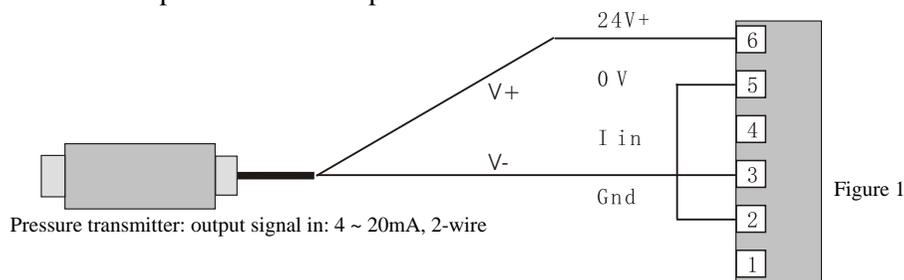
Function forward adjust is forward biased, reverse adjust is reverse biased. After the adjustment of span value and scale setting, you need to check whether zero need to be reset. Zero adjustment must be in zero input or input short circuit or an adjustment signal. For example, input 4 ~ 20mA, if you want to display zero, you must input 4mA in the terminal then adjust to zero. In order to diminish error, please adjust span & zero repeatedly.

5. Terminal Connection



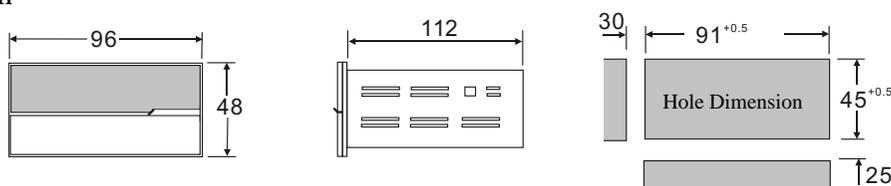
Note: Please subject to the diagram on the product if there is any change.

Application example: connect with pressure transmitter



Use with 2-wire pressure transmitter/ sensor. The instrument can supply DC 24V auxiliary power, and the sensor output is 4 ~ 20mA. Software select input signal mA. Please refer to above figure 1.

6. Dimension



7. Installation

- 1). Please make the holes on the shell according to meter hole dimensions. When there are more than two meters to be installed, the distance of two holes between left meter and the right meter should be large than 25mm. and the distance of two holes between the upper meter and the lower meter should be large than 30mm.
- 2). Insert the meter into the panel.
- 3). Insert the mounting bracket into mounting slot.
- 4). Push tight the mounting brackets so that the meter can combine with the shell firmly.

8. Cautions:

- 1). The product should be power on for 15 minutes before operating.
- 2). The appropriate ambient temperature is 0 ~ 50 °C ; relative humidity: 85%RH.
- 3). The product calibration period is 12 months.
- 4). Avoid shock and impact, prevent operation from heavy dust and poisonous chemicals and gas environment.
- 5). If the input signals with high frequency interference, the wires must configure a filter.
- 6). The input wires should not be too long. If the distance between the signal input terminal and the product can not be shortened, please use shielded cable.
- 7). For long time storage, the meter should be shield form light with conservation temperature -10 ~ 70 °C / 60%RH.
- 8). Please stored in indry and ventilated place. Don't place in an area surrounded by organic solvents or corrosive gases.
- 9). If stock in long time without operation, power on the instrument one time every 3 month is recommended, each time should be no less than 4 hours.

9. Others:

- 1). The complete product contains: product with connection diagram, instruction manual, installing brackets (1 set), inspection certificate and packing box with product label.
- 2). Guarantee: any defected products under normal operation within 12 months can be returned and replaced by us; Damage by user's wrong operation can not be replaced. If request to be returned for repair, buyer should take chare fo the freight fee, on conditions that large quantities need to be repaired, repair fee should be considered.