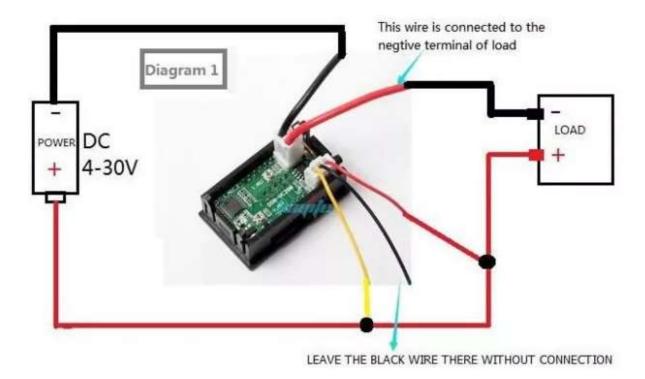
The min voltage input for the meter is 4V. And the max voltage the meter can resist is 30V. So if the voltage to be measured is between 4-30V, you can wire it like this diagram. Otherwise, please use a separate power source for the meter(Please check diagram 2)



DSN- VC288 Panel Mount DC 100V 10A Voltmeter Ammeter

This DC 100V 10A Ammeter Voltmeter is consist of 0.28 inch 5 wire red LED. With 100V DC can be measured by this meter with 0.1V resolution. This volt ammeter contains 2 wire harnesses. 2 poles with RED and BLACK lead used to provide power for the meters. this meter is portable and small in size. DSN-VC288 DC 100V 10A shows volt and ammeter at the same time on the same screen.

Its operating voltages are 6 to 30 volts. This is a separate power supply that is isolated from the source, it is possible to use the same supply but it seems to affect the amp meter reading. 3 wire harness used for a ground.

Specifications of DSN-VC288 DC 100V 10A Voltmeter Ammeter:

DSN-VC288 DC 100V 10A voltage measurement range is 0.0 to 100V.

Its current test range is 0 to 999mA, with 0 to 10A.

DC 4 to 30V is its power supply range.

Its voltage error is +-o.1%.

Its current error is +-1%.

Its working current value is <20mA.

Its refresh rate is almost 300mS once.

It can display a double three-digit 0.28 inch LED digital tube.

Its display color is RED and BLUE.

Its size is 48 x 27 x 22mm.

Its working temperature is -10 to 65 degrees centigrade.

KEY FEATURES OF DUAL DISPLAY 0-100V / 0-10A PANEL METER:

0-100V DC voltage measurement range

0-10A Low-side DC current measurement range with built-in current shunt

Dual 0.28" 7-segment displays

4.5 to 30V operating voltage

± 1 digit accuracy

These modules work well for monitoring both voltage and current in applications such as solar cells or they can be used in home brew power supplies to provide a digital readout.