

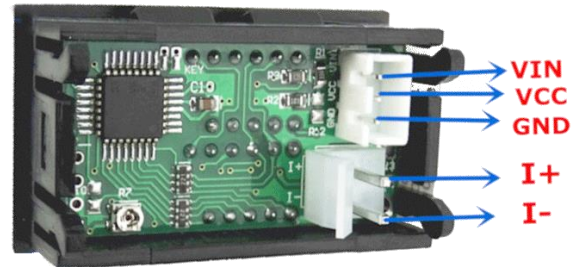
DVAM-02 50A

Combination Digital Voltmeter & Ammeter

Combination Digital Voltmeter and Ammeter with Shunt DC 0-99.9v 50A Maximum



The Digital Voltage and Current meter has two 0.28" LED displays. Red LEDs for voltage on top with amber LEDs for current on the bottom. Display range for the voltmeter is 0.00-30.0v DC, while current can display from 0-49.9A DC.



Specifications:

Display Color: Red (voltage) + Yellow (current)

Display Mode: Dual 0.28" LED digital display

Update Rate: Approximately 500ms

Physical Size: 48 x 29 x 26 mm (L x W x H)

Opening Size: 45 x 26 mm (L x W)

Supply Voltage: 3.5-30V

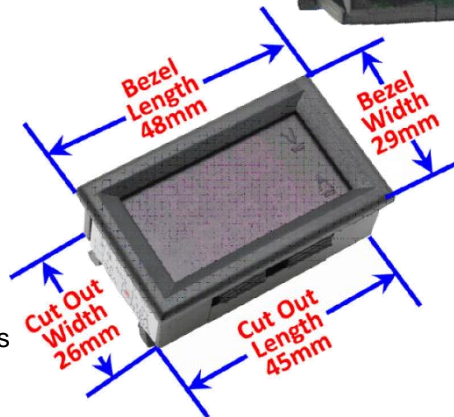
Lead Wire Length: 14cm (five wires)

Measurement Range (Current): DC 0.00-49.9A

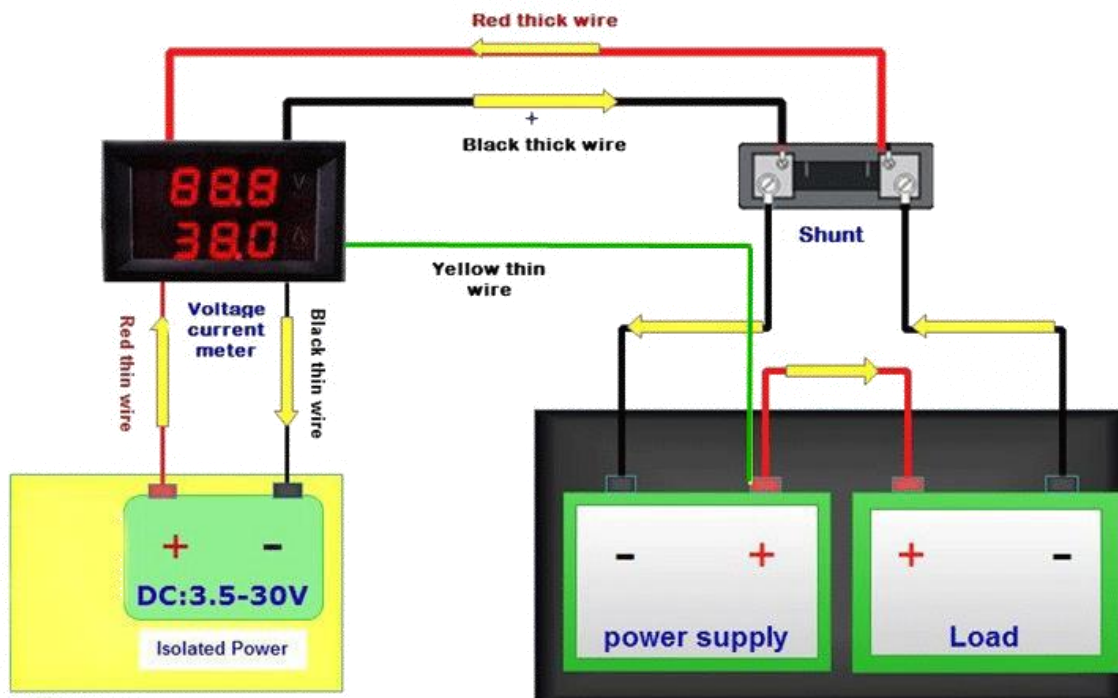
Measurement Range (Voltage): DC 0.00-99.9V

Operation Temperature: -10 degrees~65 degrees

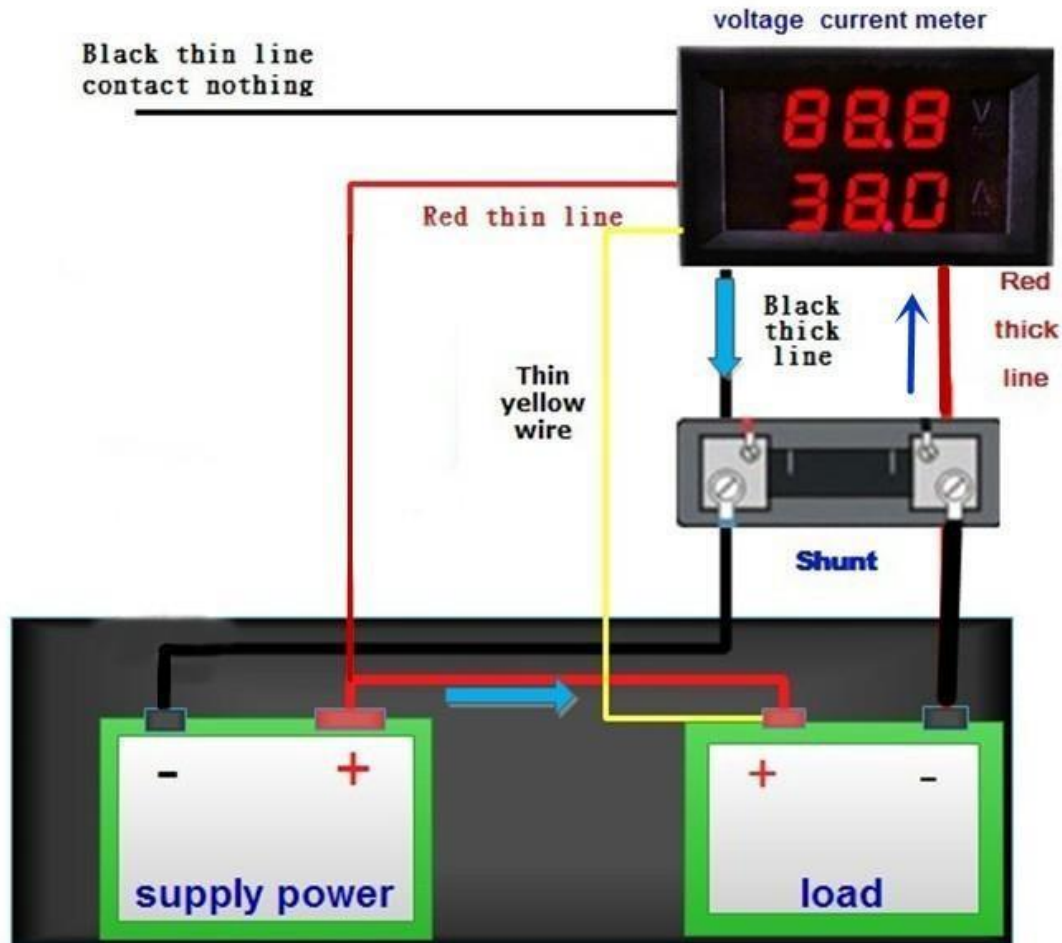
Measurement Accuracy: $\pm (1\% + 2\text{words})$



Connection Option: Using with an Isolated Power Supply



Connection Option: Using with a Common Power Supply



Calibration and Zero Adjustment

Periodic adjustment of the meter is possible. With the meter turned off (power removed), apply a short (jumper) between test points A and B. With the jumper in place, apply power to the meter which will be automatically calibrated to zero. Remove the jumper placed between A and B.

The current display can also be adjusted through the trim pot R7. Simply apply a known current across the meter of approximately 25A (mid-way between the maximum value). Adjust R7 until the meter displays the correct current reading.

