

Voltmeter + Ammeter

1. Technical Parameters:

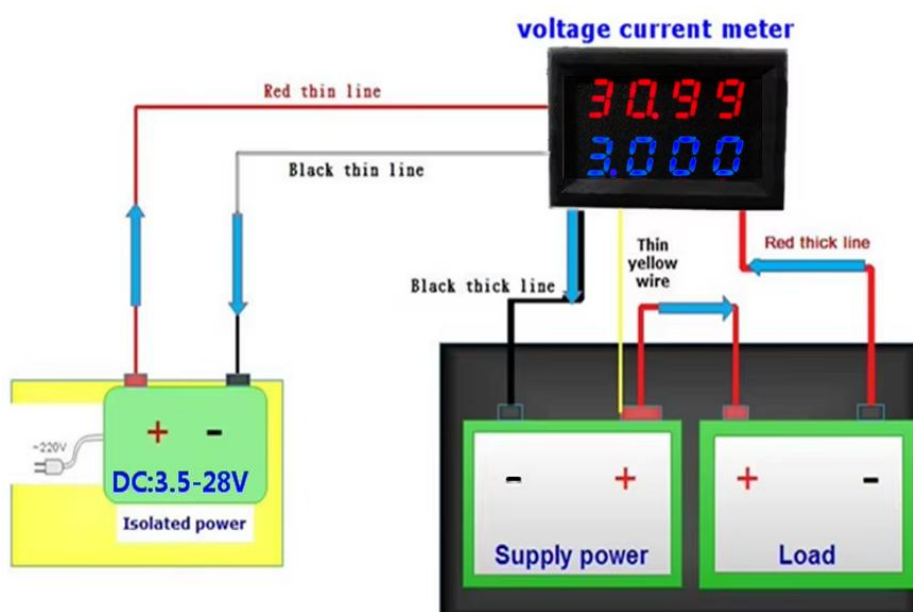
- Display colour: RED (Voltage) + BLUE (Current)
- Display mode: Dual 0.28 LED digital 4 bit tube
- Update rate: About 200 ms/time
- Physical size: 48 x 29 x 26 mm (L x W x H)
- Opening size: 45 x 26 mm (L x W)
- Supply voltage: 3.5-28 V
- Lead wire length: 14 cm (Five wires)
- Measurement range: DC 0.00-33.00 V (voltage, Resolution 0.01 v), 0.000-3.000 A (current, Resolution 0.001 A)
- Operation temperature: -10 - 65 °C
- Measurement accuracy: $\pm (0.3\% + 2 \text{ words})$
- Weight: 21g

2. Instruction of wiring

- Red thin wire (VCC): Power input+ 3.5-28 V (NOTE: If the measuring signal is lower than 28 V and has abundant power supply, it can be used as power supply for the module [black wire and yellow wire are contacted together to use])
- Black thin wire (GND): Power input- Measurement signal - 3.5-28 V
- Yellow thin wire (VIN): Measurement signal+ (0-33.00 V)
- Red thick wire (I+): Current input+ (connect with the load negative)
- Black thick wire (I-): Current input- (in series in power supply negative)

3. Wiring instruction:

Voltage current meter with isolated power supply



Voltage current meter in the measurement system for power supply



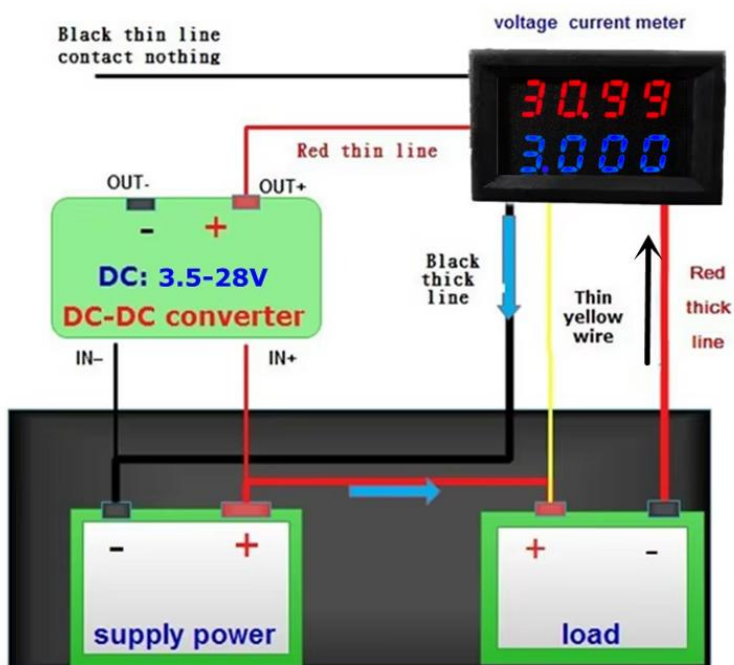
Datasheet – TRU Components

Item no.: 3365405

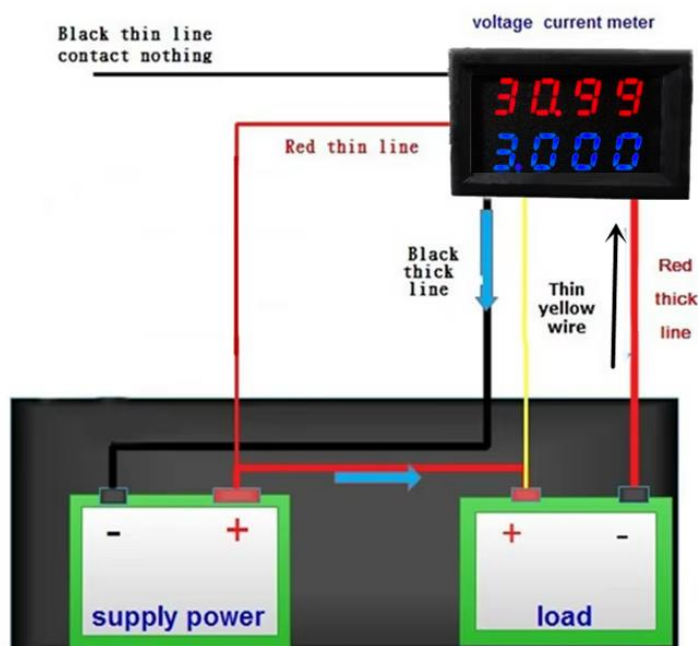


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- System supply power-1



- System supply power-2





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4. Dimension drawing

