

PM 4011 User Manual

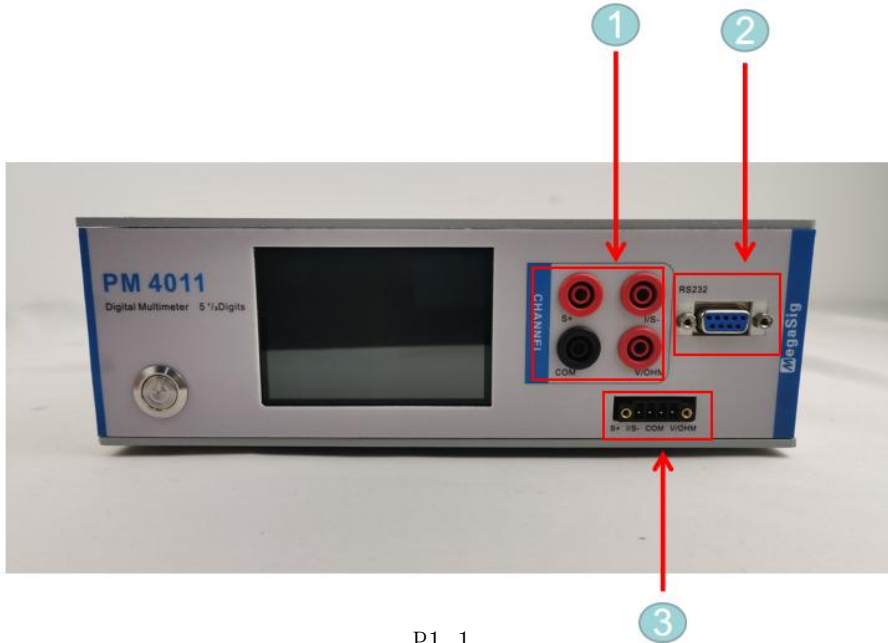
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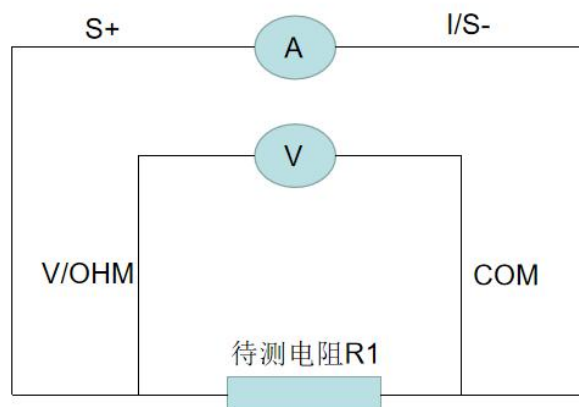
一、 Hardware description

1. Connect power cables and communications cables
 - a) 220V AC Equipment of power supply;
 - b) PM 4011 can be connected through the DB9 serial cable;



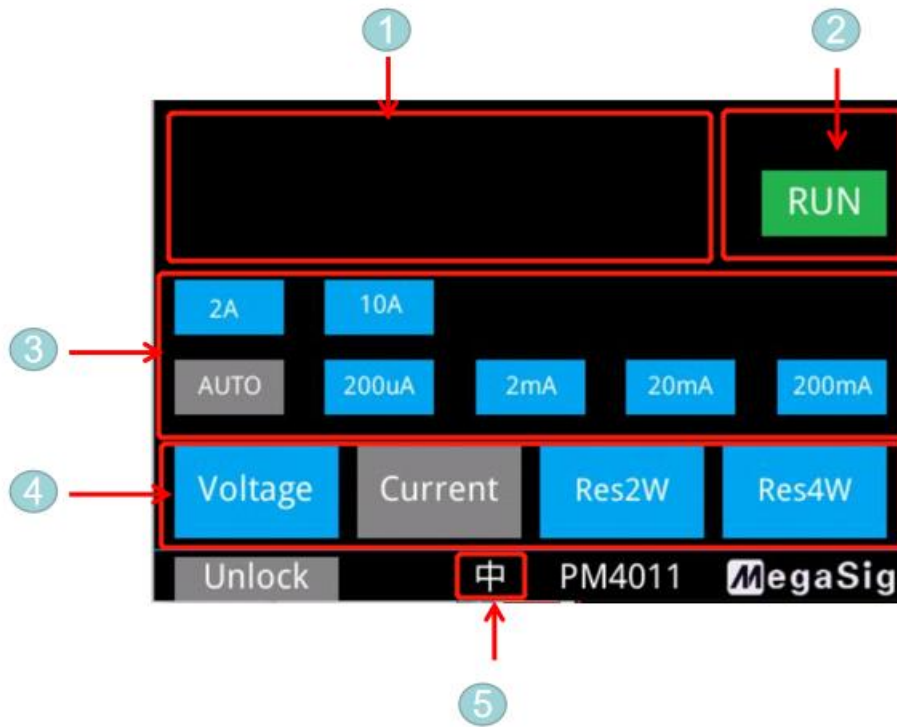
P1.1

- ① Testing current, connect I/S- and COM
 Connect V/OHM and COM when testing voltage or 2-wire resistance method
 When testing the 4-wire resistance method, all 4 wires need to be connected, P1.2.
- ② USB serial port communication interface
- ③ Crimping terminal connector, 4 interfaces correspond to 4 connectors of the upper channel



P1.2

二、 Interface Operation Description



P2.1

1. Introduction to touch screen operation interface

- ① Display the current measured value
- ② Click to switch between RUN or Hold
- ③ Select range
- ④ Select measurement mode
- ⑤ Click to switch the Chinese/English operation interface

三、 PM 4011 programmed instruction set

Serial communication

Baud Rate	115200
Data Bits	8
Parity	None
Stop Bits	1.0
Flow Control	None

Instruction list

Order	Send	Feedback	Remarks
Read Voltage	>GET_VOL	Return: Current voltage band unit	
Read current	>GET_CUR	Return: Current current band unit	
Read resistance value (2-wire method)	>GET_RES	Return:Current resistance band unit	
Read resistance value (4-wire method)	>GET_RES4W	Return:Current resistance band unit	
Set voltage automatic range	>SET_VOLAUTO	Return: OK	Voltage set (automatic switching to voltage measurement mode)
Set voltage gear 200mV	>SET_VOL200mV	Return: OK	
Set voltage gear 2V	>SET_VOL2V	Return: OK	
Set voltage gear 20V	>SET_VOL20V	Return: OK	
Set voltage gear 200V	>SET_VOL200V	Return: OK	
Set current automatic range	>SET_CURAUTO	Return: OK	Current setting (automatic gear)
Set the current gear to 200uA	>SET_CUR200uA	Return: OK	
Set the current gear to 2mA	>SET_CUR2mA	Return: OK	
Set the current gear to 20mA	>SET_CUR20mA	Return: OK	
Set the current gear to 200mA	>SET_CUR200mA	Return: OK	
Set the current gear to 2A	>SET_CUR2A	Return: OK	
Set the current gear to 10A	>SET_CUR10A	Return: OK	
Set the automatic resistance range	>SET_RESAUTO	Return: OK	2-wire resistance setting
Set the resistance gear to 200R	>SET_RES200R	Return: OK	
Set the resistance gear to 2KR	>SET_RES2KR	Return: OK	

Set the resistance gear to 20KR	>SET_RES20KR	Return: OK	
Set the resistance gear to 200KR	>SET_RES200KR	Return: OK	
Set the resistance gear to 2MR	>SET_RES2MR	Return: OK	
Set the resistance gear to 10MR	>SET_RES10MR	Return: OK	
Set the resistance gear to 100MR	>SET_RES100MR	Return: OK	
Set the automatic resistance range	>SET_RES4WAUTO	Return: OK	2-wire resistance setting
Set the resistance gear to 200R	>SET_RES4W200R	Return: OK	
Set the resistance gear to 2KR	>SET_RES4W2KR	Return: OK	
Set the resistance gear to 20KR	>SET_RES4W20KR	Return: OK	
Set the resistance gear to 200KR	>SET_RES4W200KR	Return: OK	
Serial port continuously output data command (no question and answer reading required)	>SET_COMConPut=1 (Continuous output data) >SET_COMConPut=0 (Stop output data)		