



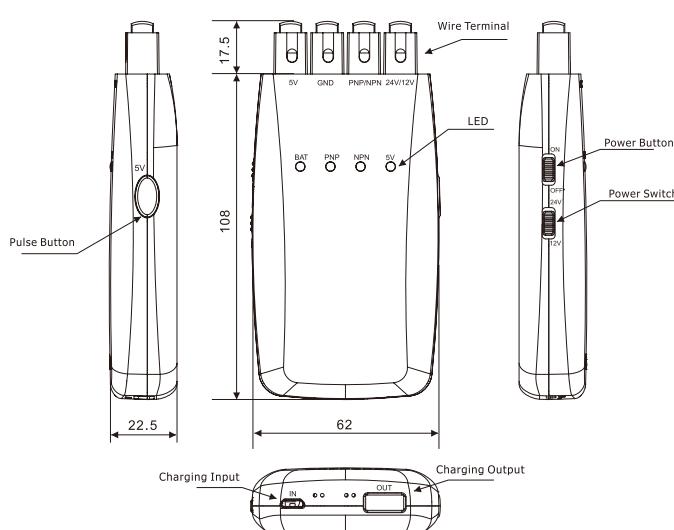
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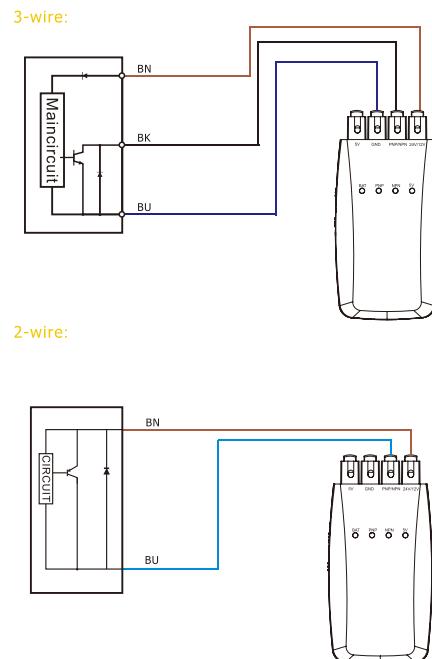
Basic features	Detection Type	NPN/PNP		Automatic Recognition
	Battery Capacity	2500mAH		
	Charging Time	2.5h		
Electrical data	Output Voltage		4.5~5.5V	Select 5V Output
			11~13V	Select 12V Output
			22~26V	Select 24V Output
Environmental conditions	Output Current		≤0.55A	5V Output
			≤0.5A	12V Output
			≤0.25A	24V Output
Mechanical data	Protection Circuit	Output Short Circuit Protection		
	Operating Temperature	-10~45°C		
	Other Features	Silent Mode, Sleep Mode		
Model	Dimensions	125x62x23mm		
	Weight	145g		
WT-3				

Dimensions

Unit: mm



Circuit diagram



- Fiber Optic
- Slot Sensors
- Photoelectric
- Laser
- Proximity
- Displacement
- Magnetic
- Contact
- Area
- Ultrasonic
- AI Image
- Code Readers
- Vibration
- Temperature
- RFID
- Safety door lock
- Pressure Switch
- Communication
- Accessories**
- Guidance
- Sensor tester kit**
- Switch Type
- Analog type
- Connecting Cable**
- M8
- M12
- Other
- Signal conversion Cable**
- M8 Cable

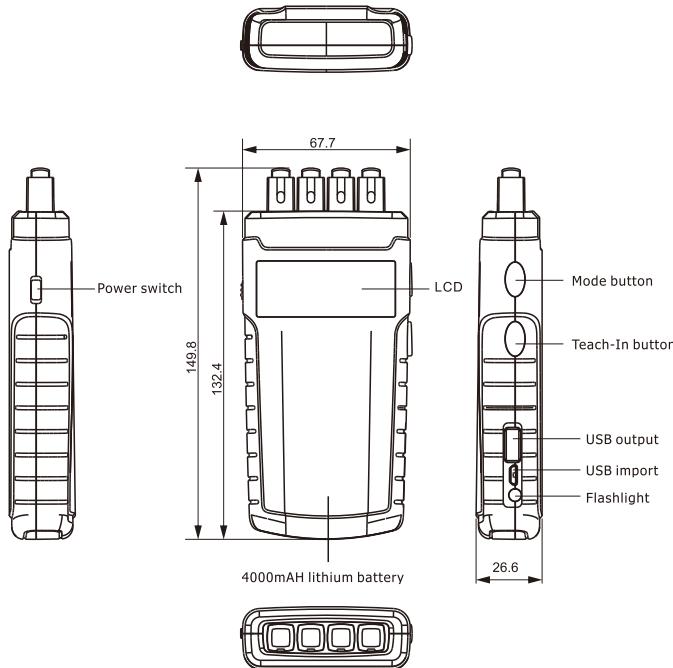
Analog Type



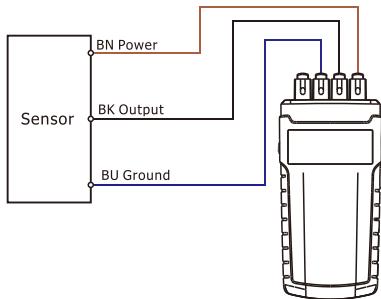
Fiber Optic	Basic features	Detection Type	NPN/PNP	Automatic Recognition	
Slot Sensors		Battery Capacity	4000mAH		
Photoelectric		Charging Time	9h		
Laser	Electrical data	Output Voltage	19V~24V	Brown Output Terminal	
Proximity			4.8V~5V	USB Output Terminal	
Displacement		Output Current	≤160mA	Brown Output Terminal	
Magnetic			≤500mA	USB Output Terminal	
Contact	Environmental conditions	Protection Circuit	Power Overcurrent Protection		
Area		Operating Temperature	-10°C~+45°C		
Ultrasonic		Other Features	Sleep Function, Silent Function, Flashlight		
AI Image	Mechanical data	Dimensions	67.7x26.6x149.8mm		
Code Readers		Weight	200g		
Vibration		Special features	0~10V	Voltage Mode	
Temperature	Special features		0~20mA	Current Mode	
RFID			≤0.04V(Full Range)	Voltage Mode	
Safety door lock			≤0.04mA(Full Range)	Current Mode	
Pressure Switch	Special features		22ms	Digital Mode	
Communication			140ms	Current Mode	
Accessories			140ms	Voltage Mode	
Guidance	Model	WD-1			

Dimensions

Unit: mm

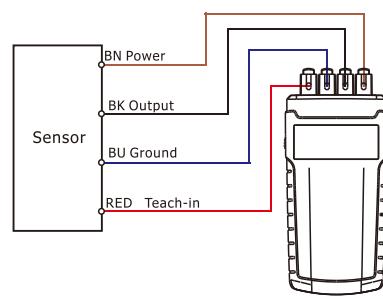


3-wire system:

**Common measurement**

- 1 Connect the terminals of the corresponding functions and turn on the power.
- 2 Select the corresponding measurement mode (voltage, current, digital).
- 3 The measurement results are displayed on the screen.

4-wire system:

**Teach-in button**

- 1 Connect the corresponding function terminals and turn on the power
- 2 Press the Teach-in button, the screen Teach-in area displays ON, then the red terminal will output high level, release the Teach-in button, the screen Teach-in area displays OFF, then the red terminal will output low level
- 3 Select the corresponding measurement mode (voltage V, current I, switch D)
- 4 The measurement result is displayed on the screen

Function description**1 Mode switching**

Press the MODE button shortly to switch the test box in three modes: current (I), voltage (V), and switch (D). Customer can select the correct mode and connection according to the sensor type, the test result will be displayed on the screen, and the test box will store the current test mode, and will restore the previous state when it is restarted.

2. Battery

Battery status will be displayed on the upper right corner. The number of grids represents the remaining power. Grids flashing indicates that the power is insufficient and needs to be charged. The flashing during charging indicates the charging progress, when the charging is done, the whole grids will flash.

3. Sleeping mode

If the test box does not operate for more than 10 minutes, the test box automatically enters the sleeping state, the 24V power supply and the screen will be turned off, press the Mode button or the Teach-IN button, and the test box returns to the operable state.

4. Powerbank mode

Press the mode button in the off state, turn on the power button, the buzzer will sound twice, the sleep of the test box function will be invalid, the function has no memory, and the sleep function is enabled by default when it is turned on again.

5. Mute mode

Press and hold Teach-in for more than 6s, the buzzer will sound once, and the test box has entered silent mode. In the same operation, the buzzer will sound twice to indicate that the mute mode has been excited, and the test box will store the state, and will remain in the last state when it is turned on again.

6. Teach-in function

Press the teach button, the Teach-in (red) terminal will output a high level voltage, and the voltage logic will match the brown terminal voltage. When the button is released, the Teach-in (red) terminal will output a low level voltage, and the LCD will display the current Teach-in logic state.

7. Flashlight function

Press and hold the mode button for more than 2s, the light will be on, and the same operation can turn off the light.

8. Short circuit protection

When the output current is too high, short circuit protection will be inspired, and the screen will display 'SCP' during short circuit protection. After the short circuit condition is withdrawn, the test box will automatically return to normal state.

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Area

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Safety door lock

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Sensor tester kit

Switch Type

Analog type

Connecting Cable

M8

M12

Other

Signal conversion Cable

M8 Cable