



1. Technical Indicators

Function	Range	Resolution	Accuracy	Remarks
DC voltage	200V	0.1V	$\pm(2\% \text{ reading} + 3 \text{ digits})$	-
	1500V	1V	$\pm(2\% \text{ reading} + 3 \text{ digits})$	
AC voltage	200V	0.1V	$\pm(2\% \text{ reading} + 3 \text{ digits})$	Frequency 50~500Hz
	1200V	1V	$\pm(2\% \text{ reading} + 3 \text{ digits})$	
	200V	0.1V	$\pm(3\% \text{ reading} + 8 \text{ digits})$	Frequency 500~1000Hz z
	1200V	1V	$\pm(3\% \text{ reading} + 8 \text{ digits})$	
Resistance	1M Ω	1k Ω	$\pm(5\% \text{ reading} + 5 \text{ digits})$	< 10k Ω buzzing

Input impedance: ELV-AC 50V/50Hz 320 k Ω .

Current peak: $\leq 3.5\text{mA}$ 1000V Power off state; $< 350\text{mA}$ 1000V Power on state.

Working time ton/toff: $\leq 230\text{V}$ without limitation; $> 230\text{V}$ ton 30 seconds/toff 240 seconds.

2. Function Description

Automatic recognition of test type: Display "---" when the AC/DC voltage is less than 5V or in no testing status.

Frequency range: 40Hz~1kHz, resolution 1Hz, error $\pm (3\% + 5d)$.

Buzzer: Supports two modes(buzzer and mute).

Voltage polarity indication: automatic.

Range selection: automatic.

RCD test: voltage 230V (40-500Hz); Current: 30mA~40mA, testing time<10s, recovery time: 60s;

Continuity test:<10k Ω buzzer.

Phase sequence test: three-phase AC voltage range: 57V~400V, frequency 50Hz~60Hz.

Power supply: 1.5V x 2 AAA battery.

Battery undervoltage indication: about less than 2.5V.

Working temperature: -5 $^{\circ}\text{C}$ ~+40 $^{\circ}\text{C}$

Storage temperature: -20 $^{\circ}\text{C}$ ~+60 $^{\circ}\text{C}$

Working humidity: $\leq 85\%$ RH

Overvoltage protection level: CAT IV 600V, CAT III 1000V

Pollution level: Level 2.



DATASHEET

M80 Voltage Tester DUSPOL 1500V DC 1200V AC

Versione. 1.0 18.04-2024

Waterproof and dustproof level: IP65.

Wake up: Press the key to wake up or wake up when testing an AC/DC voltage greater than 12V.

Automatic shutdown: Shut down automatically for about 30 seconds in no testing status.

