1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as ± (%rdg + numbers of digits) at 23°C ± 5°C, <75%HR

DC VOLTAGE

Range	Resolution	Accuracy	Overload protection
400.0mV	0.1mV	±(0.5%rdg+2dgt)	1000VDC 750VACrms
4.000V	0.001V	±(0.5%rdg+2dgt)	
40.00V	0.01V		
400.0V	0.1V		
1000V	1V	±(1.0%rdg+2dgt)	

Input impedance: 10MΩ //<100pF

AC TRMS VOLTAGE

Range	Resolution	Accuracy (45 ÷ 400Hz)	Overload protection
400.0mV	0.1mV	Not specified	1000VDC 750VACrms
4.000V	0.001V	±(1.3%rdg+5dgt) (50 ÷ 300Hz)	
40.00V	0.01V	±(1.2%rdg+5dgts) (50 ÷ 500Hz)	
400.0V	0.1V		
750V	1V		

Input impedance: 10MΩ //<100pF

DC CURRENT

Range	Resolution	Accuracy	Voltage drop	Overload protection
400.0µA	0.1µA	±(1.0%rdg+2dgt)	<5mV/µA	600VACrms
4000µA	1µA			
10.00A	0.01A		2Vmax	Fuse 10A/1000V

AC TRMS CURRENT

Range	Resolution	Accuracy (50÷500Hz)	Voltage drop	Overload protection
400.0µA	0.1µA	Not declared	2Vmax	600VACrms
4000µA	1µA			
10.00A	0.01A	±(1.5%rdg + 5dgt) (50÷399Hz) ±(2.0%rdg + 5dgt) (400÷500Hz)		Fuse 10A/1000V

RESISTANCE

Range	Resolution	Accuracy	Open voltage	Overload protection
400.0Ω	0.1Ω	±(1.0%rdg+5dgts)	about 0.45V	600VACrms
4.000kΩ	0.001kΩ	±(0.7%rdg+2dgts)		
40.00kΩ	0.01kΩ			
400.0kΩ	0.1kΩ			
4.000MΩ	0.001MΩ	±(1.0%rdg+2dgts)		
40.00MΩ	0.01MΩ	±(1.5%rdg+5dgts)		

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DIODE TEST

Range	Resolution	Accuracy	Open voltage	Overload protection
▶|	10mV	±(1.5%rdg+5dgt)	<3VDC	600VACrms

TEST CONTINUITY

Range	Buzzer	Open voltage	Overload protection
•))	R<35Ω	about 0.5VDC	600VACrms

FREQUENCY

Range	Resolution	Accuracy	Sensitività	Overload protection
4.000kHz	0.001kHz	±(0.01%rdg+1dgt)	>1.5VACrms <5VACrms	600VACrms
40.00kHz	0.01kHz			
400.0kHz	0.1kHz			
4.000MHz	0.001MHz		>2VACrms <5VACrms	
40.00MHz	0.01MHz			
400.0MHz	0.1MHz	Not declared		

Minimum pulse duration: 25ns
30% ≤ Duty Cycle ≤70%

CAPACITANCE

Range	Resolution	Accuracy	Overload protection
4.000nF	0.001nF	±(3.0%rdg+10dgt)	600VACrms
40.00nF	0.01nF	±(2.0%rdg+8dgt)	
400.0nF	0.1nF		
4.000µF	0.001µF		
40.00µF	0.01µF		
400.0µF	0.1µF		
4.000mF	0.001mF	±(5.0%rdg+20dgt)	
40.00mF	0.01mF		

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2. GENERAL SPECIFICATIONS

Display:
- LCD display, 4 digit with maximum reading 3999 counts with sign and decimal point and bargraph
- Automatic polarity indication
- Backlight
- "**OL**" over range indication

Features:
- HOLD
- MX/MN for maximum and minimum value
- RANGE for manual selection
- REL for relative measurements
- PK for peak measurements
- Auto Power OFF after 30 minutes of don't work

Low battery indication:
- The symbol " + - " appears when the battery voltage is low

Operating temperature:
- 0°C to 40°C, <80%HR

Storage temperature:
- -20°C to 60°C, <70%HR

General informations:
- Altitude max: 2000m
- Pollution degree: 2
- Insulation: double insulation

Power supply:
- 1 x 9V alkaline battery type NEDA1604, JIS006P, IEC6F22

Sizes:
- 163(L)x88(W)x48(H) mm

Weight (included batteries):
- 400g

Applied standards:
- LVD: EN 61010-1 CAT IV 600V – CAT III 1000V
- EMC: EN60326

This product conforms to the prescriptions of the European directive on low voltage 2006/95/EEC and to EMC directive 2004/108/EEC

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