



1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as [% rdg + dgt]. It is referred to the following reference conditions: 23°C ± 5°C with RH < 75%.

DC Voltage

Range	Resolution	Accuracy	Input impedance	Overvoltage protection
0.00 ÷ 199.9V	0.1V	±(1.0% rdg + 2 dgt)	2MΩ, <100pF	1000VDC
200.0 ÷ 1000V	1V			

AC Voltage

Range	Resolution	Accuracy	Input impedance	Banda passante	Overvoltage protection
0.00 ÷ 199.9V	0.1V	±(1.5%rdg + 5 dgt)	2MΩ, <100pF	50-500Hz	750VACrms
200.0 ÷ 1000V	1V				

AC Current

Range	Resolution	Accuracy	Frequency range	Overvoltage protection
0.0 ÷ 200A	0.1A	±(3.0% rdg + 3dgt)	50 - 60Hz	400Arms

Resistenza e Test Continuità

Range	Resolution	Accuracy	Buzzer	Overvoltage protection
0.00÷199.9Ω	0.1Ω	±(1.0%rdg + 5 dgt)	≤ 30Ω	600Vrms AC
200.0÷1.999kΩ	0.001kΩ	±(1.0%rdg + 2 dgt)		
2.000÷19.99kΩ	0.01kΩ			
20.00÷199.9kΩ	0.1kΩ			
200.0÷1.999MΩ	0.001MΩ			
2.000÷19.99MΩ	0.01MΩ	±(1.9%rdg + 5 dgt)		

Max open voltage: 1.3V

Diode test

Range	Accuracy	Overvoltage protection
0.4 ÷ 0.8V	±(1.5%rdg + 0.05V)	600VACrms

Max open voltage: 3.0V



2. GENERAL SPECIFICATIONS

Mechanical characteristics

Size:	193(L) x 54(La) x 31(H)mm
Weight (including battery):	about 280g
Max conductor size:	16mm

Supply

Battery type:	2x1.5V batteries type LR03 UM4 AAA.
Low battery indication:	"  "
Battery life:	about 250 hours.
AutoPowerOff:	About 10 minutes after power-on

Display

Characteristics:	3 ½ LCD (max 2000 counts), decimal point, unit symbol indication
Sample rate:	1.5 times/sec
Conversion mode:	Mean value

Climatic conditions

Reference temperature:	23° ± 5°C
Operating temperature:	0 ÷ 50 °C
Operating humidity:	< 75% RH
Storage temperature:	-20 ÷ 60 °C
Storage humidity:	< 80% RH
Temperature coefficient::	<0.2 x Specified accuracy /°C, <18°C, > 28°C

Reference standards

Comply with:	EN 61010-1
Insulation:	Double insulation
Pollution:	Level 2
Max height:	2000m
Installation category:	CAT IV 600V, CAT III 1000V to the ground

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