



SCHEDA TECNICA • DATA SHEET • DATENBLATT • FICHA TÉCNICA

M8

Multimetro digitale compatto TRMS, 4000 conteggi, CAT III 600 V. / Compact 4000-count TRMS digital multimeter, CAT III 600 V.



Italiano • English • Deutsch • Español

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ITALIANO

M8

SCHEDA TECNICA

Multimetro digitale compatto TRMS, 4000 conteggi, CAT III 600 V.

FUNZIONI PRINCIPALI

- TRMS
- HOLD
- Retroilluminazione
- Torcia
- Auto Power Off
- Tensione AC/DC
- Corrente DC fino a 10 A
- Corrente AC $\mu\text{A}/\text{mA}$
- Resistenza
- Continuità
- Diodo
- NCV
- 4000 conteggi + bargraph

SPECIFICHE GENERALI

Categoria	IEC 61010-1 CAT III 600 V; pollution degree 2
Ingresso max	600 V AC/DC
Display	3999/4000 counts
APO	circa 15 min
Batteria	2 x AAA 1,5 V
Temperatura operativa	0...40 °C
Stoccaggio	-10...50 °C
Dimensioni	166 x 78 x 48 mm
Peso	circa 268 g
Fusibili	F400 mA/250 V; F10 A/250 V

PRESTAZIONI DI MISURA

Tensione DC

Range	Risoluzione	Accuratezza / Note
400 mV	100 μ V	$\pm(0,8\% + 2)$
4 V	1 mV	$\pm(0,8\% + 2)$
40 V	10 mV	$\pm(0,8\% + 2)$
400 V	100 mV	$\pm(0,8\% + 2)$
600 V	1 V	$\pm(1,0\% + 2)$

Tensione AC

Range	Risoluzione	Accuratezza / Note
40 V	10 mV	$\pm(1,2\% + 10)$
400 V	100 mV	$\pm(1,2\% + 10)$
600 V	1 V	$\pm(1,2\% + 10)$; 40...400 Hz

Corrente DC

Range	Risoluzione	Accuratezza / Note
400 μ A	0,1 μ A	$\pm(1,0\% + 2)$
4 mA	1 μ A	$\pm(1,0\% + 2)$
40 mA	10 μ A	$\pm(1,5\% + 2)$
400 mA	0,1 mA	$\pm(1,5\% + 2)$
10 A	10 mA	$\pm(3,0\% + 2)$

Resistenza

Range	Risoluzione	Accuratezza / Note
400 Ω	0,1 Ω	$\pm(0,8\% + 3)$
4 k Ω	1 Ω	$\pm(0,8\% + 3)$
40 k Ω	10 Ω	$\pm(0,8\% + 3)$
400 k Ω	100 Ω	$\pm(0,8\% + 3)$
4 M Ω	1 k Ω	$\pm(1,0\% + 3)$

Diodo / Continuità

Range	Risoluzione	Accuratezza / Note
Diodo	-	caduta diretta; tensione circuito aperto max $\sim 2,1$ V
Continuità	-	buzzer sotto 50 Ω

ACCESSORI IN DOTAZIONE

- UNI99 test leads CAT III 1000 V
- UNI616 carrying bag
- 2 x AAA 1.5 V

ENGLISH

M8

DATA SHEET

Compact 4000-count TRMS digital multimeter, CAT III 600 V.

MAIN FUNCTIONS

- TRMS
- HOLD
- Backlight
- Torcia
- Auto Power Off
- Voltage AC/DC
- Current DC fino a 10 A
- Current AC μ A/mA
- Resistance
- Continuity
- Diode
- NCV
- 4000 conteggi + bargraph

GENERAL SPECIFICATIONS

Category	IEC 61010-1 CAT III 600 V; pollution degree 2
Ingresso max	600 V AC/DC
Display	3999/4000 counts
APO	circa 15 min
Battery	2 x AAA 1,5 V
Temperatura operativa	0...40 °C
Storage	-10...50 °C
Dimensioni	166 x 78 x 48 mm
Peso	circa 268 g
Fuses	F400 mA/250 V; F10 A/250 V

MEASUREMENT PERFORMANCE

DC voltage

Range	Resolution	Accuracy / Notes
400 mV	100 μ V	$\pm(0,8\% + 2)$
4 V	1 mV	$\pm(0,8\% + 2)$
40 V	10 mV	$\pm(0,8\% + 2)$
400 V	100 mV	$\pm(0,8\% + 2)$
600 V	1 V	$\pm(1,0\% + 2)$

AC voltage

Range	Resolution	Accuracy / Notes
40 V	10 mV	$\pm(1,2\% + 10)$
400 V	100 mV	$\pm(1,2\% + 10)$
600 V	1 V	$\pm(1,2\% + 10)$; 40...400 Hz

DC current

Range	Resolution	Accuracy / Notes
400 μ A	0,1 μ A	$\pm(1,0\% + 2)$
4 mA	1 μ A	$\pm(1,0\% + 2)$
40 mA	10 μ A	$\pm(1,5\% + 2)$
400 mA	0,1 mA	$\pm(1,5\% + 2)$
10 A	10 mA	$\pm(3,0\% + 2)$

Resistance

Range	Resolution	Accuracy / Notes
400 Ω	0,1 Ω	$\pm(0,8\% + 3)$
4 k Ω	1 Ω	$\pm(0,8\% + 3)$
40 k Ω	10 Ω	$\pm(0,8\% + 3)$
400 k Ω	100 Ω	$\pm(0,8\% + 3)$
4 M Ω	1 k Ω	$\pm(1,0\% + 3)$

Diode / continuity

Range	Resolution	Accuracy / Notes
Diodo	-	caduta diretta; tensione circuito aperto max $\sim 2,1$ V
Continuità	-	buzzer sotto 50 Ω

INCLUDED ACCESSORIES

- UNI99 test leads CAT III 1000 V
- UNI616 carrying bag
- 2 x AAA 1.5 V

DEUTSCH

M8

DATENBLATT

Kompaktes TRMS-Digitalmultimeter mit 4000 Counts, CAT III 600 V.

HAUPTFUNKTIONEN

- TRMS
- HOLD
- Hintergrundbeleuchtung
- Torcia
- Auto Power Off
- Spannung AC/DC
- Strom DC fino a 10 A
- Strom AC μ A/mA
- Widerstand
- Durchgang
- Diode
- NCV
- 4000 conteggi + bargraph

ALLGEMEINE DATEN

Kategorie	IEC 61010-1 CAT III 600 V; pollution degree 2
Ingresso max	600 V AC/DC
Anzeige	3999/4000 counts
APO	circa 15 min
Batterie	2 x AAA 1,5 V
Temperatura operativa	0...40 °C
Lagerung	-10...50 °C
Dimensioni	166 x 78 x 48 mm
Peso	circa 268 g
Sicherungen	F400 mA/250 V; F10 A/250 V

MESSLEISTUNG

DC-Spannung

Bereich	Auflösung	Genauigkeit / Hinweise
400 mV	100 µV	$\pm(0,8\% + 2)$
4 V	1 mV	$\pm(0,8\% + 2)$
40 V	10 mV	$\pm(0,8\% + 2)$
400 V	100 mV	$\pm(0,8\% + 2)$
600 V	1 V	$\pm(1,0\% + 2)$

AC-Spannung

Bereich	Auflösung	Genauigkeit / Hinweise
40 V	10 mV	$\pm(1,2\% + 10)$
400 V	100 mV	$\pm(1,2\% + 10)$
600 V	1 V	$\pm(1,2\% + 10)$; 40...400 Hz

DC-Strom

Bereich	Auflösung	Genauigkeit / Hinweise
400 µA	0,1 µA	$\pm(1,0\% + 2)$
4 mA	1 µA	$\pm(1,0\% + 2)$
40 mA	10 µA	$\pm(1,5\% + 2)$
400 mA	0,1 mA	$\pm(1,5\% + 2)$
10 A	10 mA	$\pm(3,0\% + 2)$

Widerstand

Bereich	Auflösung	Genauigkeit / Hinweise
400 Ω	0,1 Ω	$\pm(0,8\% + 3)$
4 kΩ	1 Ω	$\pm(0,8\% + 3)$
40 kΩ	10 Ω	$\pm(0,8\% + 3)$
400 kΩ	100 Ω	$\pm(0,8\% + 3)$
4 MΩ	1 kΩ	$\pm(1,0\% + 3)$

Diode / Durchgang

Bereich	Auflösung	Genauigkeit / Hinweise
Diode	-	caduta diretta; tensione circuito aperto max ~2,1 V
Continuità	-	buzzer sotto 50 Ω

LIEFERUMFANG

- UNI99 test leads CAT III 1000 V
- UNI616 carrying bag
- 2 x AAA 1.5 V

ESPAÑOL

M8

FICHA TÉCNICA

Multímetro digital compacto TRMS de 4000 cuentas, CAT III 600 V.

FUNCIONES PRINCIPALES

- TRMS
- HOLD
- Retroiluminación
- Torcia
- Auto Power Off
- Tensión AC/DC
- Corriente DC fino a 10 A
- Corriente AC μ A/mA
- Resistencia
- Continuidad
- Diodo
- NCV
- 4000 conteggi + bargraph

ESPECIFICACIONES GENERALES

Categoría	IEC 61010-1 CAT III 600 V; pollution degree 2
Ingresso max	600 V AC/DC
Pantalla	3999/4000 counts
APO	circa 15 min
Batería	2 x AAA 1,5 V
Temperatura operativa	0...40 °C
Almacenamiento	-10...50 °C
Dimensioni	166 x 78 x 48 mm
Peso	circa 268 g
Fusibles	F400 mA/250 V; F10 A/250 V

PRESTACIONES DE MEDIDA

Tensión DC

Rango	Resolución	Precisión / Notas
400 mV	100 μ V	$\pm(0,8\% + 2)$
4 V	1 mV	$\pm(0,8\% + 2)$
40 V	10 mV	$\pm(0,8\% + 2)$
400 V	100 mV	$\pm(0,8\% + 2)$
600 V	1 V	$\pm(1,0\% + 2)$

Tensión AC

Rango	Resolución	Precisión / Notas
40 V	10 mV	$\pm(1,2\% + 10)$
400 V	100 mV	$\pm(1,2\% + 10)$
600 V	1 V	$\pm(1,2\% + 10)$; 40...400 Hz

Corriente DC

Rango	Resolución	Precisión / Notas
400 μ A	0,1 μ A	$\pm(1,0\% + 2)$
4 mA	1 μ A	$\pm(1,0\% + 2)$
40 mA	10 μ A	$\pm(1,5\% + 2)$
400 mA	0,1 mA	$\pm(1,5\% + 2)$
10 A	10 mA	$\pm(3,0\% + 2)$

Resistencia

Rango	Resolución	Precisión / Notas
400 Ω	0,1 Ω	$\pm(0,8\% + 3)$
4 k Ω	1 Ω	$\pm(0,8\% + 3)$
40 k Ω	10 Ω	$\pm(0,8\% + 3)$
400 k Ω	100 Ω	$\pm(0,8\% + 3)$
4 M Ω	1 k Ω	$\pm(1,0\% + 3)$

Diodo / continuidad

Rango	Resolución	Precisión / Notas
Diodo	-	caduta diretta; tensione circuito aperto max $\sim 2,1$ V
Continuità	-	buzzer sotto 50 Ω

ACCESORIOS INCLUIDOS

- UNI99 test leads CAT III 1000 V
- UNI616 carrying bag
- 2 x AAA 1.5 V