



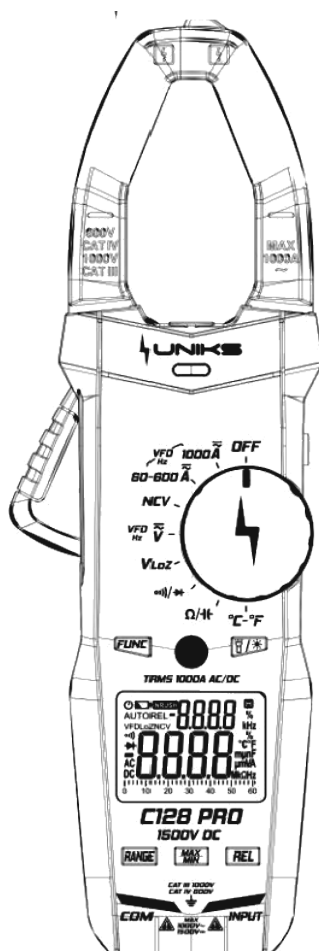
SCHEDA TECNICA • DATA SHEET • DATENBLATT • FICHA TÉCNICA

C128PRO

Pinza amperometrica professionale TRMS / Professional TRMS clamp meter

1500 V DC • 1000 V AC • 1000 A AC/DC

CAT III 1000 V • CAT IV 600 V • 6000 counts • VFD • VLoZ • InRush • NCV



Italiano • English • Deutsch • Español

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ITALIANO

C128PRO

SCHEDA TECNICA

TRMS • 1500 V DC • 1000 A AC/DC • CAT III 1000 V • CAT IV 600 V

Funzioni principali

- TRMS
- 1500 V DC
- 1000 V AC
- 1000 A AC/DC
- Corrente minima AC 0,1 A
- 60 M Ω
- 60 mF
- 10 kHz
- Temperatura -20...1000 °C
- Filtro VFD
- VLoZ
- InRush ~100 ms
- NCV
- Data Hold
- REL / Zero DC
- 6000 conteggi
- Torcia integrata
- Auto Power Off

Specifiche generali

- Range automatico e manuale.
- Protezione da sovraccarico su tutto il campo di misura.

- Tensione massima ammessa tra terminale di misura e terra: 1500 V DC o 1000 V AC.
- Altitudine di lavoro massima: 2000 m.
- Display LCD 6000 conteggi.
- Indicazione automatica della polarità; '-' indica polarità negativa.
- Fuori portata: 'OL' / '-OL'.
- Campionamento circa 3 letture/s.
- Spegnimento automatico dopo circa 10 minuti.
- Alimentazione: 3 batterie AAA da 1,5 V.
- Coefficiente di temperatura: $<0,1 \times$ grado di accuratezza/°C.
- Temperatura di lavoro: 0...50 °C. Stoccaggio: -10...50 °C.
- Per la misura di corrente centrare il conduttore nella testa della pinza; un posizionamento non centrato può aggiungere fino a $\pm 1,5\%$ di errore di posizione.

Corrente AC TRMS

Range	Risoluzione	Accuratezza
60 A	0.01 A	$\pm(2.5\% \text{ lettura} + 8 \text{ cifre})$
600 A	0.1 A	$\pm(2.5\% \text{ lettura} + 8 \text{ cifre})$
1000 A	1 A	$\pm(2.5\% \text{ lettura} + 8 \text{ cifre})$

Ingresso minimo AC: 0,1 A RMS. Massimo: 1000 A RMS. Frequenza: 45 Hz...1000 Hz.

Corrente DC

Range	Risoluzione	Accuratezza
60 A	0.01 A	$\pm(3.0\% \text{ lettura} + 10 \text{ cifre})$
600 A	0.1 A	$\pm(3.0\% \text{ lettura} + 10 \text{ cifre})$
1000 A	1 A	$\pm(3.0\% \text{ lettura} + 10 \text{ cifre})$

Ingresso minimo DC: 60 mA. Massimo: 1000 A.

Tensione AC TRMS

Range	Risoluzione	Accuratezza
6 V	0.001 V	$\pm(0.8\% \text{ lettura} + 5 \text{ cifre})$
60 V	0.01 V	$\pm(0.8\% \text{ lettura} + 5 \text{ cifre})$
600 V	0.1 V	$\pm(0.8\% \text{ lettura} + 5 \text{ cifre})$
1000 V	1 V	$\pm(1.0\% \text{ lettura} + 5 \text{ cifre})$

Ingresso minimo AC: 1 mV RMS. Massimo: 1000 V RMS. Frequenza: 45 Hz...1000 Hz.

Tensione DC

Range	Risoluzione	Accuratezza
6 V	0.001 V	$\pm(0.5\% \text{ lettura} + 5 \text{ cifre})$
60 V	0.01 V	$\pm(0.5\% \text{ lettura} + 5 \text{ cifre})$

Range	Risoluzione	Accuratezza
600 V	0.1 V	$\pm(0.5\% \text{ lettura} + 5 \text{ cifre})$
1500 V	1 V	$\pm(0.5\% \text{ lettura} + 5 \text{ cifre})$

Ingresso minimo DC: 1 mV. Massimo: 1500 V.

Frequenza (corrente/tensione)

Range	Risoluzione	Accuratezza
100 Hz	0.01 Hz	$\pm(1.0\% \text{ lettura} + 5 \text{ cifre})$
1000 Hz	0.1 Hz	$\pm(1.0\% \text{ lettura} + 5 \text{ cifre})$
10 kHz	0.001 kHz	$\pm(1.0\% \text{ lettura} + 5 \text{ cifre})$

Range frequenza: 10 Hz...10 kHz. Per frequenza di corrente: segnale AC ≥ 30 A RMS. Per frequenza di tensione: segnale $\geq 0,8$ V AC RMS.

Resistenza

Range	Risoluzione	Accuratezza
600 Ω	0.1 Ω	$\pm(1.0\% \text{ lettura} + 3 \text{ cifre})$
6 k Ω	0.001 k Ω	$\pm(1.0\% \text{ lettura} + 3 \text{ cifre})$
60 k Ω	0.01 k Ω	$\pm(1.0\% \text{ lettura} + 3 \text{ cifre})$
600 k Ω	0.1 k Ω	$\pm(1.0\% \text{ lettura} + 3 \text{ cifre})$
6 M Ω	0.001 M Ω	$\pm(1.0\% \text{ lettura} + 3 \text{ cifre})$
60 M Ω	0.01 M Ω	$\pm(1.2\% \text{ lettura} + 30 \text{ cifre})$

Protezione da sovraccarico per le funzioni a puntali: 1500 V DC o 1000 V AC RMS.

Capacità

Range	Risoluzione	Accuratezza
60.00 nF	0.01 nF	$\pm(4.0\% \text{ lettura} + 3 \text{ cifre})$
600.0 nF	0.1 nF	$\pm(4.0\% \text{ lettura} + 3 \text{ cifre})$
6.000 μ F	1 nF	$\pm(4.0\% \text{ lettura} + 3 \text{ cifre})$
60.00 μ F	10 nF	$\pm(4.0\% \text{ lettura} + 3 \text{ cifre})$
600.0 μ F	100 nF	$\pm(4.0\% \text{ lettura} + 3 \text{ cifre})$
6.000 mF	1 μ F	$\pm(4.0\% \text{ lettura} + 3 \text{ cifre})$
60.00 mF	10 μ F	$\pm(5.0\% \text{ lettura} + 5 \text{ cifre})$

Protezione da sovraccarico per le funzioni a puntali: 1500 V DC o 1000 V AC RMS.

Temperatura

Range	Risoluzione	Accuratezza
-20...1000 $^{\circ}$ C (-4...1832 $^{\circ}$ F)	1 $^{\circ}$ C / 2 $^{\circ}$ F	$\pm(2.0\% \text{ lettura} + 2 \text{ cifre})$

Protezione da sovraccarico per le funzioni a puntali: 1500 V DC o 1000 V AC RMS.

Continuità

Range	Risoluzione	Accuratezza
Continuity	1 Ω	Buzzer may sound below 50 Ω

Protezione da sovraccarico per le funzioni a puntali: 1500 V DC o 1000 V AC RMS.

Diodo

Range	Risoluzione	Accuratezza
2.000 V	0.001 V	Approx. forward voltage drop

Protezione da sovraccarico per le funzioni a puntali: 1500 V DC o 1000 V AC RMS.

Accessori in dotazione

- UNI200 - 2 puntali R/N 4 mm e 2 mm, CAT III 1000 V / 10 A
- UNI300 - sonda a filo
- UNIAD2 - adattatore per sonda K
- UNI3300 - borsa in tela per trasporto
- Manuale d'uso
- 3 batterie AAA 1,5 V

Accessori opzionali

- UNI31B
- UNI38
- UNI33
- UNI34B
- UNI34A
- UNI500
- UNI100
- UNI206
- UNI205
- UNIA021
- UNIA020
- UNI7354

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ENGLISH

C128PRO

DATA SHEET

TRMS • 1500 V DC • 1000 A AC/DC • CAT III 1000 V • CAT IV 600 V

Main functions

- TRMS
- 1500 V DC
- 1000 V AC
- 1000 A AC/DC
- 0.1 A minimum AC current
- 60 M Ω
- 60 mF
- 10 kHz
- Temperature -20...1000 °C
- VFD filter
- VLoZ
- InRush ~100 ms
- NCV
- Data Hold
- REL / DC Zero
- 6000 counts
- Built-in torch
- Auto Power Off

General specifications

- Automatic and manual range.
- Full-range overload protection.

- Maximum allowable voltage between measuring terminal and earth: 1500 V DC or 1000 V AC.
- Maximum operating altitude: 2000 m.
- 6000-count LCD.
- Automatic polarity; '-' indicates negative polarity.
- Over-range indication: 'OL' / '-OL'.
- Sampling approximately 3 readings/s.
- Automatic power off after approximately 10 minutes.
- Power supply: 3 × 1.5 V AAA batteries.
- Temperature coefficient: $<0.1 \times \text{accuracy grade}/^{\circ}\text{C}$.
- Operating temperature: 0...50 °C. Storage: -10...50 °C.
- For current measurements place the conductor in the centre of the clamp head; off-centre positioning can add up to $\pm 1.5\%$ position error.

AC Current TRMS

Range	Resolution	Accuracy
60 A	0.01 A	$\pm(2.5\% \text{ reading} + 8 \text{ digits})$
600 A	0.1 A	$\pm(2.5\% \text{ reading} + 8 \text{ digits})$
1000 A	1 A	$\pm(2.5\% \text{ reading} + 8 \text{ digits})$

Minimum AC input: 0.1 A RMS. Maximum: 1000 A RMS. Frequency: 45 Hz...1000 Hz.

DC Current

Range	Resolution	Accuracy
60 A	0.01 A	$\pm(3.0\% \text{ reading} + 10 \text{ digits})$
600 A	0.1 A	$\pm(3.0\% \text{ reading} + 10 \text{ digits})$
1000 A	1 A	$\pm(3.0\% \text{ reading} + 10 \text{ digits})$

Minimum DC input: 60 mA. Maximum: 1000 A.

AC Voltage TRMS

Range	Resolution	Accuracy
6 V	0.001 V	$\pm(0.8\% \text{ reading} + 5 \text{ digits})$
60 V	0.01 V	$\pm(0.8\% \text{ reading} + 5 \text{ digits})$
600 V	0.1 V	$\pm(0.8\% \text{ reading} + 5 \text{ digits})$
1000 V	1 V	$\pm(1.0\% \text{ reading} + 5 \text{ digits})$

Minimum AC input: 1 mV RMS. Maximum: 1000 V RMS. Frequency: 45 Hz...1000 Hz.

DC Voltage

Range	Resolution	Accuracy
6 V	0.001 V	$\pm(0.5\% \text{ reading} + 5 \text{ digits})$
60 V	0.01 V	$\pm(0.5\% \text{ reading} + 5 \text{ digits})$

Range	Resolution	Accuracy
600 V	0.1 V	$\pm(0.5\% \text{ reading} + 5 \text{ digits})$
1500 V	1 V	$\pm(0.5\% \text{ reading} + 5 \text{ digits})$

Minimum DC input: 1 mV. Maximum: 1500 V.

Frequency (current/voltage)

Range	Resolution	Accuracy
100 Hz	0.01 Hz	$\pm(1.0\% \text{ reading} + 5 \text{ digits})$
1000 Hz	0.1 Hz	$\pm(1.0\% \text{ reading} + 5 \text{ digits})$
10 kHz	0.001 kHz	$\pm(1.0\% \text{ reading} + 5 \text{ digits})$

Frequency input: 10 Hz...10 kHz. Current-frequency signal: AC ≥ 30 A RMS. Voltage-frequency signal: ≥ 0.8 V AC RMS.

Resistance

Range	Resolution	Accuracy
600 Ω	0.1 Ω	$\pm(1.0\% \text{ reading} + 3 \text{ digits})$
6 k Ω	0.001 k Ω	$\pm(1.0\% \text{ reading} + 3 \text{ digits})$
60 k Ω	0.01 k Ω	$\pm(1.0\% \text{ reading} + 3 \text{ digits})$
600 k Ω	0.1 k Ω	$\pm(1.0\% \text{ reading} + 3 \text{ digits})$
6 M Ω	0.001 M Ω	$\pm(1.0\% \text{ reading} + 3 \text{ digits})$
60 M Ω	0.01 M Ω	$\pm(1.2\% \text{ reading} + 30 \text{ digits})$

Overload protection for probe functions: 1500 V DC or 1000 V AC RMS.

Capacitance

Range	Resolution	Accuracy
60.00 nF	0.01 nF	$\pm(4.0\% \text{ reading} + 3 \text{ digits})$
600.0 nF	0.1 nF	$\pm(4.0\% \text{ reading} + 3 \text{ digits})$
6.000 μ F	1 nF	$\pm(4.0\% \text{ reading} + 3 \text{ digits})$
60.00 μ F	10 nF	$\pm(4.0\% \text{ reading} + 3 \text{ digits})$
600.0 μ F	100 nF	$\pm(4.0\% \text{ reading} + 3 \text{ digits})$
6.000 mF	1 μ F	$\pm(4.0\% \text{ reading} + 3 \text{ digits})$
60.00 mF	10 μ F	$\pm(5.0\% \text{ reading} + 5 \text{ digits})$

Overload protection for probe functions: 1500 V DC or 1000 V AC RMS.

Temperature

Range	Resolution	Accuracy
-20...1000 $^{\circ}$ C (-4...1832 $^{\circ}$ F)	1 $^{\circ}$ C / 2 $^{\circ}$ F	$\pm(2.0\% \text{ reading} + 2 \text{ digits})$

Overload protection for probe functions: 1500 V DC or 1000 V AC RMS.

Continuity

Range	Resolution	Accuracy
Continuity	1 Ω	Buzzer may sound below 50 Ω

Overload protection for probe functions: 1500 V DC or 1000 V AC RMS.

Diode

Range	Resolution	Accuracy
2.000 V	0.001 V	Approx. forward voltage drop

Overload protection for probe functions: 1500 V DC or 1000 V AC RMS.

Included accessories

- UNI200 - two R/N 4 mm and 2 mm test leads, CAT III 1000 V / 10 A
- UNI300 - wire probe
- UNIAD2 - type-K probe adapter
- UNI3300 - fabric carrying bag
- User manual
- 3 $\times$ 1.5 V AAA batteries

Optional accessories

- UNI31B
- UNI38
- UNI33
- UNI34B
- UNI34A
- UNI500
- UNI100
- UNI206
- UNI205
- UNIA021
- UNIA020
- UNI7354

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DEUTSCH

C128PRO

DATENBLATT

TRMS • 1500 V DC • 1000 A AC/DC • CAT III 1000 V • CAT IV 600 V

Hauptfunktionen

- TRMS
- 1500 V DC
- 1000 V AC
- 1000 A AC/DC
- Minimaler AC-Strom 0,1 A
- 60 M Ω
- 60 mF
- 10 kHz
- Temperatur -20...1000 °C
- VFD-Filter
- VLoZ
- InRush ~100 ms
- NCV
- Data Hold
- REL / DC-Null
- 6000 Counts
- Integrierte Lampe
- Auto Power Off

Allgemeine Daten

- Automatische und manuelle Bereichswahl.
- Überlastschutz über den gesamten Messbereich.

- Maximal zulässige Spannung zwischen Messeingang und Erde: 1500 V DC oder 1000 V AC.
- Maximale Arbeitshöhe: 2000 m.
- LCD mit 6000 Counts.
- Automatische Polaritätsanzeige; '-' bedeutet negative Polarität.
- Bereichsüberschreitung: 'OL' / '-OL'.
- Abtastung ca. 3 Messungen/s.
- Automatische Abschaltung nach ca. 10 Minuten.
- Versorgung: 3 × AAA 1,5 V.
- Temperaturkoeffizient: $<0,1 \times \text{Genauigkeitsklasse}/^{\circ}\text{C}$.
- Betriebstemperatur: 0...50 °C. Lagerung: -10...50 °C.
- Bei Strommessung den Leiter im Zangenkopf zentrieren; außermittige Lage kann bis zu $\pm 1,5\%$ zusätzlichen Positionsfehler verursachen.

AC-Strom TRMS

Bereich	Auflösung	Genauigkeit
60 A	0.01 A	$\pm(2.5\% \text{ Messwert} + 8 \text{ Digits})$
600 A	0.1 A	$\pm(2.5\% \text{ Messwert} + 8 \text{ Digits})$
1000 A	1 A	$\pm(2.5\% \text{ Messwert} + 8 \text{ Digits})$

Minimaler AC-Eingang: 0,1 A RMS. Maximum: 1000 A RMS. Frequenz: 45 Hz...1000 Hz.

DC-Strom

Bereich	Auflösung	Genauigkeit
60 A	0.01 A	$\pm(3.0\% \text{ Messwert} + 10 \text{ Digits})$
600 A	0.1 A	$\pm(3.0\% \text{ Messwert} + 10 \text{ Digits})$
1000 A	1 A	$\pm(3.0\% \text{ Messwert} + 10 \text{ Digits})$

Minimaler DC-Eingang: 60 mA. Maximum: 1000 A.

AC-Spannung TRMS

Bereich	Auflösung	Genauigkeit
6 V	0.001 V	$\pm(0.8\% \text{ Messwert} + 5 \text{ Digits})$
60 V	0.01 V	$\pm(0.8\% \text{ Messwert} + 5 \text{ Digits})$
600 V	0.1 V	$\pm(0.8\% \text{ Messwert} + 5 \text{ Digits})$
1000 V	1 V	$\pm(1.0\% \text{ Messwert} + 5 \text{ Digits})$

Minimaler AC-Eingang: 1 mV RMS. Maximum: 1000 V RMS. Frequenz: 45 Hz...1000 Hz.

DC-Spannung

Bereich	Auflösung	Genauigkeit
6 V	0.001 V	$\pm(0.5\% \text{ Messwert} + 5 \text{ Digits})$
60 V	0.01 V	$\pm(0.5\% \text{ Messwert} + 5 \text{ Digits})$

Bereich	Auflösung	Genauigkeit
600 V	0.1 V	$\pm(0.5\% \text{ Messwert} + 5 \text{ Digits})$
1500 V	1 V	$\pm(0.5\% \text{ Messwert} + 5 \text{ Digits})$

Minimaler DC-Eingang: 1 mV. Maximum: 1500 V.

Frequenz (Strom/Spannung)

Bereich	Auflösung	Genauigkeit
100 Hz	0.01 Hz	$\pm(1.0\% \text{ Messwert} + 5 \text{ Digits})$
1000 Hz	0.1 Hz	$\pm(1.0\% \text{ Messwert} + 5 \text{ Digits})$
10 kHz	0.001 kHz	$\pm(1.0\% \text{ Messwert} + 5 \text{ Digits})$

Frequenzeingang: 10 Hz...10 kHz. Stromfrequenz: AC-Signal ≥ 30 A RMS. Spannungsfrequenz: Signal $\geq 0,8$ V AC RMS.

Widerstand

Bereich	Auflösung	Genauigkeit
600 Ω	0.1 Ω	$\pm(1.0\% \text{ Messwert} + 3 \text{ Digits})$
6 k Ω	0.001 k Ω	$\pm(1.0\% \text{ Messwert} + 3 \text{ Digits})$
60 k Ω	0.01 k Ω	$\pm(1.0\% \text{ Messwert} + 3 \text{ Digits})$
600 k Ω	0.1 k Ω	$\pm(1.0\% \text{ Messwert} + 3 \text{ Digits})$
6 M Ω	0.001 M Ω	$\pm(1.0\% \text{ Messwert} + 3 \text{ Digits})$
60 M Ω	0.01 M Ω	$\pm(1.2\% \text{ Messwert} + 30 \text{ Digits})$

Überlastschutz für Messleitungsfunktionen: 1500 V DC oder 1000 V AC RMS.

Kapazität

Bereich	Auflösung	Genauigkeit
60.00 nF	0.01 nF	$\pm(4.0\% \text{ Messwert} + 3 \text{ Digits})$
600.0 nF	0.1 nF	$\pm(4.0\% \text{ Messwert} + 3 \text{ Digits})$
6.000 μ F	1 nF	$\pm(4.0\% \text{ Messwert} + 3 \text{ Digits})$
60.00 μ F	10 nF	$\pm(4.0\% \text{ Messwert} + 3 \text{ Digits})$
600.0 μ F	100 nF	$\pm(4.0\% \text{ Messwert} + 3 \text{ Digits})$
6.000 mF	1 μ F	$\pm(4.0\% \text{ Messwert} + 3 \text{ Digits})$
60.00 mF	10 μ F	$\pm(5.0\% \text{ Messwert} + 5 \text{ Digits})$

Überlastschutz für Messleitungsfunktionen: 1500 V DC oder 1000 V AC RMS.

Temperatur

Bereich	Auflösung	Genauigkeit
-20...1000 $^{\circ}\text{C}$ (-4...1832 $^{\circ}\text{F}$)	1 $^{\circ}\text{C}$ / 2 $^{\circ}\text{F}$	$\pm(2.0\% \text{ Messwert} + 2 \text{ Digits})$

Überlastschutz für Messleitungsfunktionen: 1500 V DC oder 1000 V AC RMS.

Durchgang

Bereich	Auflösung	Genauigkeit
Continuity	1 Ω	Buzzer may sound below 50 Ω

Überlastschutz für Messleitungsfunktionen: 1500 V DC oder 1000 V AC RMS.

Diode

Bereich	Auflösung	Genauigkeit
2.000 V	0.001 V	Approx. forward voltage drop

Überlastschutz für Messleitungsfunktionen: 1500 V DC oder 1000 V AC RMS.

Lieferumfang

- UNI200 - zwei R/N-Messleitungen 4 mm und 2 mm, CAT III 1000 V / 10 A
- UNI300 - Drahtfühler
- UNIAD2 - Adapter für Typ-K-Fühler
- UNI3300 - Stoff-Tragetasche
- Bedienungsanleitung
- 3 x AAA-Batterien 1,5 V

Optionales Zubehör

- UNI31B
- UNI38
- UNI33
- UNI34B
- UNI34A
- UNI500
- UNI100
- UNI206
- UNI205
- UNIA021
- UNIA020
- UNI7354

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ESPAÑOL

C128PRO

FICHA TÉCNICA

TRMS • 1500 V DC • 1000 A AC/DC • CAT III 1000 V • CAT IV 600 V

Funciones principales

- TRMS
- 1500 V DC
- 1000 V AC
- 1000 A AC/DC
- Corriente mínima AC 0,1 A
- 60 M Ω
- 60 mF
- 10 kHz
- Temperatura -20...1000 °C
- Filtro VFD
- VLoZ
- InRush ~100 ms
- NCV
- Data Hold
- REL / Cero DC
- 6000 cuentas
- Linterna integrada
- Auto Power Off

Especificaciones generales

- Rango automático y manual.
- Protección contra sobrecarga en todo el rango.

- Tensión máxima permitida entre terminal de medida y tierra: 1500 V DC o 1000 V AC.
- Altitud máxima de trabajo: 2000 m.
- LCD de 6000 cuentas.
- Polaridad automática; '-' indica polaridad negativa.
- Fuera de rango: 'OL' / '-OL'.
- Muestreo aprox. 3 lecturas/s.
- Apagado automático tras aprox. 10 minutos.
- Alimentación: 3 × AAA 1,5 V.
- Coeficiente de temperatura: $<0,1 \times$ grado de precisión/°C.
- Temperatura de trabajo: 0...50 °C. Almacenamiento: -10...50 °C.
- Para medir corriente centre el conductor en la cabeza de la pinza; una posición descentrada puede añadir hasta $\pm 1,5\%$ de error de posición.

Corriente AC TRMS

Rango	Resolución	Precisión
60 A	0.01 A	$\pm(2.5\% \text{ lectura} + 8 \text{ dígitos})$
600 A	0.1 A	$\pm(2.5\% \text{ lectura} + 8 \text{ dígitos})$
1000 A	1 A	$\pm(2.5\% \text{ lectura} + 8 \text{ dígitos})$

Entrada mínima AC: 0,1 A RMS. Máxima: 1000 A RMS. Frecuencia: 45 Hz...1000 Hz.

Corriente DC

Rango	Resolución	Precisión
60 A	0.01 A	$\pm(3.0\% \text{ lectura} + 10 \text{ dígitos})$
600 A	0.1 A	$\pm(3.0\% \text{ lectura} + 10 \text{ dígitos})$
1000 A	1 A	$\pm(3.0\% \text{ lectura} + 10 \text{ dígitos})$

Entrada mínima DC: 60 mA. Máxima: 1000 A.

Tensión AC TRMS

Rango	Resolución	Precisión
6 V	0.001 V	$\pm(0.8\% \text{ lectura} + 5 \text{ dígitos})$
60 V	0.01 V	$\pm(0.8\% \text{ lectura} + 5 \text{ dígitos})$
600 V	0.1 V	$\pm(0.8\% \text{ lectura} + 5 \text{ dígitos})$
1000 V	1 V	$\pm(1.0\% \text{ lectura} + 5 \text{ dígitos})$

Entrada mínima AC: 1 mV RMS. Máxima: 1000 V RMS. Frecuencia: 45 Hz...1000 Hz.

Tensión DC

Rango	Resolución	Precisión
6 V	0.001 V	$\pm(0.5\% \text{ lectura} + 5 \text{ dígitos})$
60 V	0.01 V	$\pm(0.5\% \text{ lectura} + 5 \text{ dígitos})$

Rango	Resolución	Precisión
600 V	0.1 V	$\pm(0.5\% \text{ lectura} + 5 \text{ dígitos})$
1500 V	1 V	$\pm(0.5\% \text{ lectura} + 5 \text{ dígitos})$

Entrada mínima DC: 1 mV. Máxima: 1500 V.

Frecuencia (corriente/tensión)

Rango	Resolución	Precisión
100 Hz	0.01 Hz	$\pm(1.0\% \text{ lectura} + 5 \text{ dígitos})$
1000 Hz	0.1 Hz	$\pm(1.0\% \text{ lectura} + 5 \text{ dígitos})$
10 kHz	0.001 kHz	$\pm(1.0\% \text{ lectura} + 5 \text{ dígitos})$

Entrada de frecuencia: 10 Hz...10 kHz. Frecuencia de corriente: señal AC ≥ 30 A RMS. Frecuencia de tensión: señal $\geq 0,8$ V AC RMS.

Resistencia

Rango	Resolución	Precisión
600 Ω	0.1 Ω	$\pm(1.0\% \text{ lectura} + 3 \text{ dígitos})$
6 k Ω	0.001 k Ω	$\pm(1.0\% \text{ lectura} + 3 \text{ dígitos})$
60 k Ω	0.01 k Ω	$\pm(1.0\% \text{ lectura} + 3 \text{ dígitos})$
600 k Ω	0.1 k Ω	$\pm(1.0\% \text{ lectura} + 3 \text{ dígitos})$
6 M Ω	0.001 M Ω	$\pm(1.0\% \text{ lectura} + 3 \text{ dígitos})$
60 M Ω	0.01 M Ω	$\pm(1.2\% \text{ lectura} + 30 \text{ dígitos})$

Protección contra sobrecarga en funciones con puntas: 1500 V DC o 1000 V AC RMS.

Capacidad

Rango	Resolución	Precisión
60.00 nF	0.01 nF	$\pm(4.0\% \text{ lectura} + 3 \text{ dígitos})$
600.0 nF	0.1 nF	$\pm(4.0\% \text{ lectura} + 3 \text{ dígitos})$
6.000 μ F	1 nF	$\pm(4.0\% \text{ lectura} + 3 \text{ dígitos})$
60.00 μ F	10 nF	$\pm(4.0\% \text{ lectura} + 3 \text{ dígitos})$
600.0 μ F	100 nF	$\pm(4.0\% \text{ lectura} + 3 \text{ dígitos})$
6.000 mF	1 μ F	$\pm(4.0\% \text{ lectura} + 3 \text{ dígitos})$
60.00 mF	10 μ F	$\pm(5.0\% \text{ lectura} + 5 \text{ dígitos})$

Protección contra sobrecarga en funciones con puntas: 1500 V DC o 1000 V AC RMS.

Temperatura

Rango	Resolución	Precisión
-20...1000 $^{\circ}$ C (-4...1832 $^{\circ}$ F)	1 $^{\circ}$ C / 2 $^{\circ}$ F	$\pm(2.0\% \text{ lectura} + 2 \text{ dígitos})$

Protección contra sobrecarga en funciones con puntas: 1500 V DC o 1000 V AC RMS.

Continuidad

Rango	Resolución	Precisión
Continuity	1 Ω	Buzzer may sound below 50 Ω

Protección contra sobrecarga en funciones con puntas: 1500 V DC o 1000 V AC RMS.

Diodo

Rango	Resolución	Precisión
2.000 V	0.001 V	Approx. forward voltage drop

Protección contra sobrecarga en funciones con puntas: 1500 V DC o 1000 V AC RMS.

Accesorios incluidos

- UNI200 - 2 puntas R/N de 4 mm y 2 mm, CAT III 1000 V / 10 A
- UNI300 - sonda de hilo
- UNIAD2 - adaptador para sonda tipo K
- UNI3300 - bolsa de transporte de tela
- Manual de usuario
- 3 × baterías AAA 1,5 V

Accesorios opcionales

- UNI31B
- UNI38
- UNI33
- UNI34B
- UNI34A
- UNI500
- UNI100
- UNI206
- UNI205
- UNIA021
- UNIA020
- UNI7354

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