



SCHEDA TECNICA • DATA SHEET • DATENBLATT • FICHA TÉCNICA

M80

Tester a due poli 1500 V DC / 1200 V AC con test RCD 30 mA. / Two-pole tester 1500 V DC / 1200 V AC with 30 mA RCD test.



Italiano • English • Deutsch • Español

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ITALIANO

M80

SCHEDA TECNICA

Tester a due poli 1500 V DC / 1200 V AC con test RCD 30 mA.

FUNZIONI PRINCIPALI

- Two-pole voltage
- LED voltage indication even with depleted batteries
- 1500 V DC
- 1200 V AC current product page
- Auto power on/off
- Polarity
- Single-pole phase test
- Phase rotation
- RCD 30 mA trip test
- Continuity
- Diode
- Resistance
- Frequency
- Torch
- Data Hold
- Self-test
- IP64/IP65 catalogue marking
- CAT IV 600 V / CAT III 1000 V

SPECIFICHE GENERALI

Norme	EN 61243-3:2014; IEC/EN 61010 family; EN 61326-1
Categoria	CAT III 1000 V / CAT IV 600 V
Protezione	pagina manuale: IP64; catalogo 2026 stampa IP65
Voltage range manual	6...1000 V AC, 6...1500 V DC
Pagina prodotto corrente	AC fino a 1200 V; DC 1500 V
LED nominali	12/24/50/120/230/400/690/1000 V
APO	circa 30 s senza segnale
Batterie	2 x AAA/LR03 1,5 V

Operativo	-5...40 °C
Stoccaggio	-20...70 °C
Altitudine	fino a 2000 m
Duty misura manuale	30 s ON / 240 s recovery

PRESTAZIONI DI MISURA

Tensione DC

Range	Risoluzione	Accuratezza / Note
6...1500 V	LCD 1 V	manuale $\pm 3\%$ +3 d; pagina prodotto $\pm 2,0\%$ +3 d

Tensione AC

Range	Risoluzione	Accuratezza / Note
manuale 6...1000 V, pagina corrente 1200 V	LCD 1 V	manuale $\pm 3\%$ +3 d; pagina prodotto $\pm 2,0\%$ +3 d; 40...400 Hz

LED Voltage

Range	Risoluzione	Accuratezza / Note
12/24/50/120/230/400/690/1000 V	LED	tolleranze EN 61243-3

Single pole / Phase rotation

Range	Risoluzione	Accuratezza / Note
single pole 100...1000 V AC	-	50/60 Hz
phase rotation 170...1000 V phase-phase	-	50/60 Hz

RCD

Range	Risoluzione	Accuratezza / Note
30 mA	dual pushbutton	trip test

Continuità

Range	Risoluzione	Accuratezza / Note
manuale 0...500 k Ω (+50%)	-	buzzer

Resistenza

Range	Risoluzione	Accuratezza / Note
manuale 0...1999 Ω	1 Ω	$\pm(5\% +10 \text{ d})$; pagina corrente sintetica fino a 1 M Ω

Frequenza

Range	Risoluzione	Accuratezza / Note
40...400 Hz	-	indicazione

ACCESSORI IN DOTAZIONE

- carrying bag
- 2 x AAA 1.5 V
- 2 x 4 mm probe adapters

ENGLISH

M80

DATA SHEET

Two-pole tester 1500 V DC / 1200 V AC with 30 mA RCD test.

MAIN FUNCTIONS

- Two-pole voltage
- LED voltage indication even with depleted batteries
- 1500 V DC
- 1200 V AC current product page
- Auto power on/off
- Polarity
- Single-pole phase test
- Phase rotation
- RCD 30 mA trip test
- Continuity
- Diode
- Resistance
- Frequency
- Torch
- Data Hold
- Self-test
- IP64/IP65 catalogue marking
- CAT IV 600 V / CAT III 1000 V

GENERAL SPECIFICATIONS

Standards	EN 61243-3:2014; IEC/EN 61010 family; EN 61326-1
Category	CAT III 1000 V / CAT IV 600 V
Protection	pagina manuale: IP64; catalogo 2026 stampa IP65
Voltage range manual	6...1000 V AC, 6...1500 V DC
Pagina prodotto corrente	AC fino a 1200 V; DC 1500 V
LED nominali	12/24/50/120/230/400/690/1000 V
APO	circa 30 s senza segnale
Batteries	2 x AAA/LR03 1,5 V

Operating	-5...40 °C
Storage	-20...70 °C
Altitude	fino a 2000 m
Duty misura manuale	30 s ON / 240 s recovery

MEASUREMENT PERFORMANCE

DC voltage

Range	Resolution	Accuracy / Notes
6...1500 V	LCD 1 V	manuale $\pm 3\%$ +3 d; pagina prodotto $\pm 2,0\%$ +3 d

AC voltage

Range	Resolution	Accuracy / Notes
manuale 6...1000 V, pagina corrente 1200 V	LCD 1 V	manuale $\pm 3\%$ +3 d; pagina prodotto $\pm 2,0\%$ +3 d; 40...400 Hz

LED Voltage

Range	Resolution	Accuracy / Notes
12/24/50/120/230/400/690/1000 V	LED	tolleranze EN 61243-3

Single pole / Phase rotation

Range	Resolution	Accuracy / Notes
single pole 100...1000 V AC	-	50/60 Hz
phase rotation 170...1000 V phase-phase	-	50/60 Hz

RCD

Range	Resolution	Accuracy / Notes
30 mA	dual pushbutton	trip test

Continuità

Range	Resolution	Accuracy / Notes
manuale 0...500 k Ω (+50%)	-	buzzer

Resistance

Range	Resolution	Accuracy / Notes
manuale 0...1999 Ω	1 Ω	$\pm(5\% +10 \text{ d})$; pagina corrente sintetica fino a 1 M Ω

Frequency

Range	Resolution	Accuracy / Notes
40...400 Hz	-	indicazione

INCLUDED ACCESSORIES

- carrying bag
- 2 x AAA 1.5 V
- 2 x 4 mm probe adapters

DEUTSCH

M80

DATENBLATT

Zweipoliger Tester 1500 V DC / 1200 V AC mit 30-mA-RCD-Test.

HAUPTFUNKTIONEN

- Two-pole voltage
- LED voltage indication even with depleted batteries
- 1500 V DC
- 1200 V AC current product page
- Auto power on/off
- Polarity
- Single-pole phase test
- Phase rotation
- RCD 30 mA trip test
- Continuity
- Diode
- Resistance
- Frequency
- Torch
- Data Hold
- Self-test
- IP64/IP65 catalogue marking
- CAT IV 600 V / CAT III 1000 V

ALLGEMEINE DATEN

Normen	EN 61243-3:2014; IEC/EN 61010 family; EN 61326-1
Kategorie	CAT III 1000 V / CAT IV 600 V
Schutz	pagina manuale: IP64; catalogo 2026 stampa IP65
Voltage range manual	6...1000 V AC, 6...1500 V DC
Pagina prodotto corrente	AC fino a 1200 V; DC 1500 V
LED nominali	12/24/50/120/230/400/690/1000 V
APO	circa 30 s senza segnale
Batterien	2 x AAA/LR03 1,5 V

Betrieb	-5...40 °C
Lagerung	-20...70 °C
Höhe	fino a 2000 m
Duty misura manuale	30 s ON / 240 s recovery

MESSLEISTUNG

DC-Spannung

Bereich	Auflösung	Genauigkeit / Hinweise
6...1500 V	LCD 1 V	manuale $\pm 3\%$ +3 d; pagina prodotto $\pm 2,0\%$ +3 d

AC-Spannung

Bereich	Auflösung	Genauigkeit / Hinweise
manuale 6...1000 V, pagina corrente 1200 V	LCD 1 V	manuale $\pm 3\%$ +3 d; pagina prodotto $\pm 2,0\%$ +3 d; 40...400 Hz

LED Voltage

Bereich	Auflösung	Genauigkeit / Hinweise
12/24/50/120/230/400/690/1000 V	LED	tolleranze EN 61243-3

Single pole / Phase rotation

Bereich	Auflösung	Genauigkeit / Hinweise
single pole 100...1000 V AC	-	50/60 Hz
phase rotation 170...1000 V phase-phase	-	50/60 Hz

RCD

Bereich	Auflösung	Genauigkeit / Hinweise
30 mA	dual pushbutton	trip test

Continuità

Bereich	Auflösung	Genauigkeit / Hinweise
manuale 0...500 k Ω (+50%)	-	buzzer

Widerstand

Bereich	Auflösung	Genauigkeit / Hinweise
manuale 0...1999 Ω	1 Ω	$\pm (5\% + 10 \text{ d})$; pagina corrente sintetica fino a 1 M Ω

Frequenz

Bereich	Auflösung	Genauigkeit / Hinweise
40...400 Hz	-	indicazione

LIEFERUMFANG

- carrying bag
- 2 x AAA 1.5 V
- 2 x 4 mm probe adapters

ESPAÑOL

M80

FICHA TÉCNICA

Comprobador bipolar 1500 V DC / 1200 V AC con prueba RCD de 30 mA.

FUNCIONES PRINCIPALES

- Two-pole voltage
- LED voltage indication even with depleted batteries
- 1500 V DC
- 1200 V AC current product page
- Auto power on/off
- Polarity
- Single-pole phase test
- Phase rotation
- RCD 30 mA trip test
- Continuity
- Diode
- Resistance
- Frequency
- Torch
- Data Hold
- Self-test
- IP64/IP65 catalogue marking
- CAT IV 600 V / CAT III 1000 V

ESPECIFICACIONES GENERALES

Normas	EN 61243-3:2014; IEC/EN 61010 family; EN 61326-1
Categoría	CAT III 1000 V / CAT IV 600 V
Protección	pagina manuale: IP64; catalogo 2026 stampa IP65
Voltage range manual	6...1000 V AC, 6...1500 V DC
Pagina prodotto corrente	AC fino a 1200 V; DC 1500 V
LED nominali	12/24/50/120/230/400/690/1000 V
APO	circa 30 s senza segnale
Baterías	2 x AAA/LR03 1,5 V

Funcionamiento	-5...40 °C
Almacenamiento	-20...70 °C
Altitud	fino a 2000 m
Duty misura manuale	30 s ON / 240 s recovery

PRESTACIONES DE MEDIDA

Tensión DC

Rango	Resolución	Precisión / Notas
6...1500 V	LCD 1 V	manuale $\pm 3\%$ +3 d; pagina prodotto $\pm 2,0\%$ +3 d

Tensión AC

Rango	Resolución	Precisión / Notas
manuale 6...1000 V, pagina corrente 1200 V	LCD 1 V	manuale $\pm 3\%$ +3 d; pagina prodotto $\pm 2,0\%$ +3 d; 40...400 Hz

LED Voltage

Rango	Resolución	Precisión / Notas
12/24/50/120/230/400/690/1000 V	LED	tolleranze EN 61243-3

Single pole / Phase rotation

Rango	Resolución	Precisión / Notas
single pole 100...1000 V AC	-	50/60 Hz
phase rotation 170...1000 V phase-phase	-	50/60 Hz

RCD

Rango	Resolución	Precisión / Notas
30 mA	dual pushbutton	trip test

Continuità

Rango	Resolución	Precisión / Notas
manuale 0...500 k Ω (+50%)	-	buzzer

Resistencia

Rango	Resolución	Precisión / Notas
manuale 0...1999 Ω	1 Ω	$\pm(5\% +10 \text{ d})$; pagina corrente sintetica fino a 1 M Ω

Frecuencia

Rango	Resolución	Precisión / Notas
40...400 Hz	-	indicazione

ACCESORIOS INCLUIDOS

- carrying bag
- 2 x AAA 1.5 V
- 2 x 4 mm probe adapters