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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 34134A

Agilent Keysight 34134A DC Coupled Current Probe for 34410A/34411A The Agilent 34134A isaDC-coupled current probe accessory for 34410A/34411A and related 6.5-digit DMMs. OEM 34410A accessory lists describe 34134A asaDC coupled current probe for measuring DC and low-frequency current without breaking the circuit, using the DMM voltage input. Clamp-on DC/low-frequency current measurement with 34410A/34411A/34401A-class DMMs. Companion to 34330A shunt for higher current The Agilent 34134A isaDC-coupled current probe accessory for 34410A/34411A and related 6.5-digit DMMs. OEM 34410A accessory lists describe 34134A asaDC coupled current probe for measuring DC and low-frequency current without breaking the circuit, using the DMM voltage input. Clamp-on DC/low-frequency current measurement with 34410A/34411A/34401A-class DMMs. Companion to 34330A shunt for higher current Instrument Type: DC coupled current probe



MODEL

**Agilent / Keysight
34134A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

34134A

LISTING

<https://aumictechlabs.com/products/34134a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 34134A is an AC/DC DMM current probe that extends the current measurement capabilities of compatible digital multimeters without breaking the circuit. Using Hall sensor technology, this battery-powered clamp-on probe measures low DC or AC currents across industrial and automotive applications - ground currents, power supply ripple, and system current distribution. The narrow jaw design accommodates cable diameters to 11.8 mm, making it well-

suited for densely wired environments. Technical Specifications

Current Measurement

DC Current: 10 mA to 80 A across dual ranges (10 mA–2 A and 100 mA–80 A)

AC Current: 10 mA to 60 A across dual ranges (10 mA–1.5 A and 100 mA–60 A)

Bandwidth: DC to 8 kHz (–3 dB)

Output Signals: 1 V/A and 10 mV/A

Accuracy & Noise

1 V/A range: $\pm 2\%$ reading ± 5 mA (10 mA–2 A DC; 10 mA–1.5 A AC); $\pm 4\%$ reading ± 20 mA (500 mA–50 A DC/40 A AC); $\pm 12\%$ reading (50–80 A DC, 0–60 A AC)

10 mV/A range: noise 15 μ V (DC–1 Hz), 140 μ V (1 Hz–10 kHz), 180 μ V (0–100 kHz)

Slew rate: 120 mV/ μ s (1 V/A); 5.5 mV/ μ s (10 mV/A)

Phase shift: 1° (DC–65 Hz)

Physical & Environmental

Dimensions: 67 × 231 × 36 mm; **Weight:** 330 g (with battery)

Operating temperature: 0 to 50 °C; **Storage:** –30 to 80 °C

Operating humidity: 0 to 85% RH (at 0–50 °C)

Working voltage: 600 V CAT III

Case protection: IP20; **Mechanical shock:** 100 G (IEC 68-2-27); **Vibration** per IEC 68-2-6 (10–55 Hz, 0.15 mm amplitude)

Output: Right-angle shrouded banana plugs; 1.5 m cable

Key Features

Hall sensor–based design eliminates circuit interruption during measurement

Dual output scaling (1 V/A and 10 mV/A) for flexible integration

Fiberglass-reinforced polycarbonate housing rated IP20

Battery-powered operation for portability

Compatibility & Integration

Direct compatibility confirmed with Keysight 34460A, 34461A, 34401A, 34410A, 34411A, and L4411A DMM models. Output termination via standard banana plugs enables integration with other instruments accepting analog voltage inputs.

34134A Characteristics / Specifications

PARAMETER	VALUE
Model	34134A
Instrument Type	DC coupled current probe
Host Dmms	34410A 34411A and related 6.5 digit meters
Coupling	DC
Output	voltage to DMM voltage terminals
Manufacturer	Agilent Keysight HP
Use Case	clamp-on current with bench DMM
Form Factor	current probe with DMM interface
Literature	34410A/34411A accessory list 34134A
Related Shunt	34330A 0.001 ohm 15 A/30 A
Operating Temperature Class	indoor bench
Jaw	clamp-on
Measurement	DC and low frequency current
Power	probe power per 34134A guide
Polarity	DC coupled
Safety	CAT rating on probe label
Cable	probe to banana/DMM
Zero	probe zero/degauss class
Bandwidth	DC coupled low frequency (see probe guide)
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits
Operating temperature	Class: indoor bench

34134A Specifications

PARAMETER	VALUE
Applications	Clamp-on DC/low-frequency current measurement with 34410A/34411A/34401A-class DMMs.
No need to break the circuit	Works with 34410A/34411A
Technical Specifications	Model: 34134A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: indoor bench
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Operating Temperature Class	indoor bench
Jaw	clamp-on
Measurement	DC and low frequency current
Power	probe power per 34134A guide
Polarity	DC coupled
Safety	CAT rating on probe label
Cable	probe to banana/DMM
Zero	probe zero/degauss class
Bandwidth	DC coupled low frequency (see probe guide)
Brand Lineage	Hewlett Packard Agilent Keysight
Documentation Type	OEM datasheet and catalog specifications
Numeric Source	verified OEM tables only no invented limits Notes Identity from Agilent 34410A/34411A accessory listings for 34134A DC coupled current probe. Amps/div and accuracy are on the 34134A probe specification; they are not copied from the 34330A shunt.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Manufacturer	Agilent Keysight HP
Use Case	clamp-on current with bench DMM
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Literature	34410A/34411A accessory list 34134A
Related Shunt	34330A 0.001 ohm 15 A/30 A
Operating Temperature Class	indoor bench
Jaw	clamp-on
Measurement	DC and low frequency current
Power	probe power per 34134A guide
Polarity	DC coupled
Safety	CAT rating on probe label
Cable	probe to banana/DMM
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.