

https://www.hioki.com/euro-en/products/current-probes/wide-band/id_5950

Product

3273-50 Current Probe

Headline

AC/DC current probe, 30 A / 50 MHz

Short Description

Hall sensor based zero-flux current probe suitable for capturing small to high-speed currents, wide bandwidth from DC to 50 MHz, measurable continuous current from 10 mA to 30 A, high signal-to-noise ratio, standard BNC oscilloscope connectivity, built-in overload protection

Banner Specs

- DC to 50 MHz bandwidth
- 10 mA to 30 A measurable current
- Standard BNC output for all kind of oscilloscopes

Applications

- Power supplies (switching and linear)
- Semiconductor devices (SCRs, IGBTs, MOSFETs, CMOS, BJTs)
- Power inverters/converters
- Industrial/consumer electronics
- Mobile communications (phone, satellite, relay stations)
- Motor drives
- Mobility systems (EVs, electric trains, avionics)

Product Description

The HIOKI 3273-50 current probe is designed for use with advanced oscilloscopes, memory recorders like HIOKI's MR6000, or other data acquisition systems. The probe features a wide DC to 50 MHz bandwidth and can measure currents ranging from 10 mA to 30 A. If over-currents cause the clamp's measurement circuit to overheat, the power supply to the circuit is automatically disconnected to prevent damage to the device.

The 3273-50 current probe outputs the measurement signal through a standard BNC connector at a high impedance level, allowing direct connection to a wide range of oscilloscopes. For best results, especially for precise signal analysis, it is recommended to use an oscilloscope with a high-resolution ADC system or a recording system like HIOKI's MR6000.

Overall, the HIOKI 3273-50 current probe is a comprehensive solution for a wide range of current measurement applications. It offers essential features that ensure precision, safety, and efficiency in a compact and robust design. Whether you are working with high-speed or small currents, the 3273-50 is the tool that guarantees accurate and reliable measurements.

What's in the box

- 3273-50 with hard shell case
- Instruction manual

Related Products

- 3269 Power Supply
- 3272 Power Supply
- CT6711 Current Probe
- CT6710 Current Probe
- CT6701 Current Probe
- CT6700 Current Probe
- 3274 Current Probe
- 3275 Current Probe
- 3276 Current Probe
- MR6000 Memory Recorder

Version	Date	Author	Approved	Document changes
1.0	30.10.2024	KS	KS	First Release