Honeywell Honeywell Series Service Manual

1146B

1. Description

Keysight 1146B AC / DC Current Probe, 100 kHz, 100 A

3. Product Information

Keysight 1146B AC / DC Current Probe, 100 kHz, 100 A

HIGHLIGHTS

frequency range: DC to 100 kHz (-3dB with current de-rating)

maximum peak current at 100 mV / A, 10 A DC or peak AC, 10 mV /A, 100 A DC, or peak AC

AC current accuracy at 100 mV / A (50 mV to 10 A peak) - 3% of reading ≥ 50 mA, 10 mV / A (500 mA to 40 A peak), - 4% of reading ≥ 50 mA,10 mV / A (40 A to 100 A peak) - 15% maximum at 100 A

working voltage at 600 V maximum

battery: 9 V alkaline

The Keysight 1146B AC / DC probe provides accurate display and measurement of currents up to 100 A DC or peak AC / DC to 100 kHz without breaking the circuit. The 1146B AC / DC probe has hall-effect sensor technology to measure AC and DC signals. It is compatible with any Keysight oscilloscope with 0.2 to 0.5 V / div sensitivity and 1 MΩ BNC input.

The 1146B AC / DC is ideal for capturing transient current signals in motor controllers, switching power supplies, inverters, and current amplifiers driving inductive loads.

The 1146B AC / DC probe replaces the discontinued 1146A with the same form fit and functionality.

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