

DC/AC Current Probes CP8000 Series

▶ Characteristic

- Auto zero function, easy to use
- High accuracy and wide bandwidth, the accuracy is up to 1%
- Can be used with two ranges and easy to measure small current
- Standard BNC connector that can adapt oscilloscope of any brand
- High current sensitivity that can measure small current at the level of mA

▶ Product specification

Model	CP8030B		CP8030H		CP8050A	
Bandwidth(-3dB)	DC-50MHz		DC-100MHz		DC-50MHz	
Rise time	≤7ns		≤3.5ns		≤7ns	
Continuous maximum input range	30Arms		30Arms		50Arms	
Max peak current value	50Apk		50Apk		75Apk	
Current transfer ratio	5A	1V/A	5A	1V/A	7.5A	1V/A
	30A	0.1V/A	30A	0.1V/A	50A	0.1V/A
Amplitude accuracy (DC,45-66Hz)	5A	±1% ±1mA	5A	±1% ±1mA	7.5A	±1% ±1mA
	30A	±1% ±10mA	30A	±1% ±10mA	50A	±1% ±10mA
Power supply	DC 12V/1A					
Voltage of insulated wire	300V CAT I					
Measurement conductor diameter max	5mm					
Terminal load	≥100k Ω					



- CP8030B / CP8030H / CP8050A

▶ Product specification

Model	CP8150A		CP8300A		CP8500A	
Bandwidth(-3dB)	DC-12MHz		DC-6MHz		DC-5MHz	
Rise time	≤29ns		≤58ns		≤70ns	
Continuous maximum input range	150Arms		300Arms		500Arms	
Max peak current value	300Apk		500Apk		750Apk	
Current transfer ratio	30A	0.1V/A	50A	0.1V/A	75A	0.1V/A
	150A	0.01V/A	300A	0.01V/A	500A	0.01V/A
Amplitude accuracy (DC,45-66Hz)	30A	±1% ±10mA	50A	±1% ±10mA	75A	±1% ±10mA
	150A	±1% ±100mA	300A	±1% ±100mA	500A	±1% ±100mA
Power supply	DC 12V/1A					
Voltage of insulated wire	600V CAT II		300V CAT III			
Measurement conductor diameter max	20mm					
Terminal load	≥100k Ω					



- CP8150A / CP8300A / CP8500A