

Low Frequency AC & DC Current Probe

CP2100 Series



- Compact and reliable design
- USB powered, easy to use
- Standard BNC interface



Model \ Spec.	Bandwidth	Current	Range
CP2100A	DC~800KHz	10A/100A	50mA~10Apk(10A) / 1A~100Apk(100A)
CP2100B	DC~2.5MHz	10A/100A	50mA~10Apk(10A) / 1A~100Apk(100A)

	CP2100A	CP2100B
Bandwidth	DC~800KHz	DC~2.5MHz
Rise Time	≤437. 5n s	≤140n s
Ranges	10A/100A	
Output sensitivity	0.1V/ (10A) / 0.01V/ (100A)	
DC accuracy (typical)	3%±50mA (10A) 4%±50mA (100A, 500mA~40Apk) 15% (100A, 40Apk~100Apk)	
Measurement range	50mA~10Apk(10A) / 1A~100Apk(100A)	
Max. measuring current	100Apk,70.7Arms(DC+ACpk) / 200Apk-pk,70.7Arms(AC)	
Max. working voltage	CAT III 300V CAT II 600V	
Max. floating voltage	CAT III 300V CAT II 600V	
Max. conductor diameter	13mm	
Output voltage	≤3V	
Overload indication	Buzzer sounds, Button light flashes.	
Power supply	DC 5V	
Probe head size	11*6.1*2.5cm	
Control module size	10.8*5.6*2.6cm	
Length	228cm	
Net Weight	290g	
Packing Weight	1000g	
Packing Size	29.5*23.6*5.7cm	
Working Temperature	0~50°C	
Storage Temperature	-20°C~ 80°C	
Working Humidity	5%~95%(0~40°C, No condensation) / 5%~65%(40°C~ 50°C, No condensation)	
Working Altitude	≤3000m	
Storage Altitude	≤12000m	

Applications

Motor driver, Inverters, Power Supplies, Avionics ...