

A1287

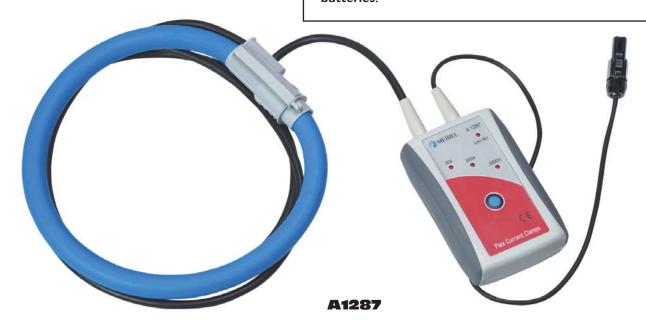
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AC FLEXIBLE CURRENT CLAMP 30A / 300A / 3000A AC

A 1287 is a single phase flexible current sensor. It consists of one current coil utilizing Rogowski measuring principle. High measuring accuracy is assured via three measuring ranges 30 A, 300 A and 3000 A AC. Large sensor length will easy accommodate bus bars and nower cables

power cables.
A 1287 is powered either by mains or rechargeable batteries.



Technical specifications			
Ranges	30 A / 300 A / 3000 A AC RMS		
Output signal	33.3 mV/A ; 3.33 mV/A ; 0.333 mV/A		
Accuracy	± 1 %		
Phase error	< 1° to 50 Hz ; < 10° to 1.5 kHz		
External load	10k ohms min		
Bandwidth	10 Hz – 8 kHz		
Power supply	Rechargeable batteries.		
	12 V DC/300 mA input		
Autonomy	> 200 h,		
	after a complete charge of the batteries		

General Specifications				
Number of sensor	1			
Sensor length (from sensor to case)	48 cm			
ø of sensor cable	14 mm			
ø Max of measured conductor	15 cm			
Operating temperature	Sensor : - 20°C to + 85°C Case : - 20°C to + 70°C			
Storage temperature	Sensor : - 20°C to + 85°C Case : - 20°C to + 70°C			
Relative humidity (RH)	15 % to 85 %			
Protection level (IP)	Sensor : IP 64 ; Boîtier : IP 40			
CEI1010 / Safety	CAT III / 1000 V			
Dimensions and weight	Case : 120 x 65 x 22 mm ; 220 g Sensor : Ø = 15 cm ; 130 g			
warranty	1 year			

Supplied with: rechargeable batteries, mains adaptor, bananas adaptors

FT A1287 A00- Specifications can be updated without notice





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