



AC/DC Current Probe Model SL306

Cat. #2153.08

AC/DC Current Probe Model SL306 (1.5 AAC, 2 ADC, 1 mV/mA (1 V/A) & 60 AAC, 80 ADC, 10 mV/A, Lead) (Replacement for Cat #1201.45 - Model SL206)

Hall Effect current probe for measuring low DC or AC from 5 mA to 80 ADC or 60 AAC. Used with digital multimeters, voltmeters, or other voltage-measuring instruments. Probe jaws clamp around the conductor under test, allowing current measurements without breaking the circuit. Narrow jaw designed for optimum use in crowded wiring in industrial and automotive environments.


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ELECTRICAL	
Nominal Range	1.5 AAC 2 ADC 60 AAC 80 ADC
Measurement Range	5 mA to 1.5 AAC 2 ADC 50 mA to 60AAC 80 ADC
Bandwidth (DC)	20 kHz (-3 db) (depending on current value)
Output Signal	1 mV/mA (1 V/A) (2 A range) 10 mV/A (80 A range)
Phase Shift (DC to 65 Hz)	
1 mV/mA Range	< 1 °
10 mV/mA Range	< 1 °
100 mV/mA Range	-
Load Impedance	≥ 1 MΩ and ≤ 100 pF
Common Mode Voltage (600 V max) with AC measurement (max)	600 V at 50/60 Hz: ≤ 1 mA/100
MECHANICAL	
Output Termination	4.9 ft (1.5 m) two-wire cable terminated by (2) male banana plugs
Maximum Conductor Size	0.46 in (11.8 mm)

For more details, download the datasheet or user manual at www.aemc.com

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Battery Life	80 h typical (alkaline battery)
Dimensions	(9.09 x 1.42 x 2.64) in (231 x 36 x 67) mm
Weight	11.6 oz (330 g) with battery
ENVIRONMENTAL	
Operating Relative Humidity	(0 to 85) % RH with a linear decrease above 95 °F (35 °C)
Operating Temperature	(14 to 122) °F (-10 to 50) °C
Storage Temperature	(-22 to 176) °F (-30 to 80) °C
SAFETY	
Electrical	IEC 61010-1, IEC 61010-2-032, 600 V CAT III, 300 V CAT IV 
Ingress Protection	IP20 per IEC 60529
UL Approval	Yes

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