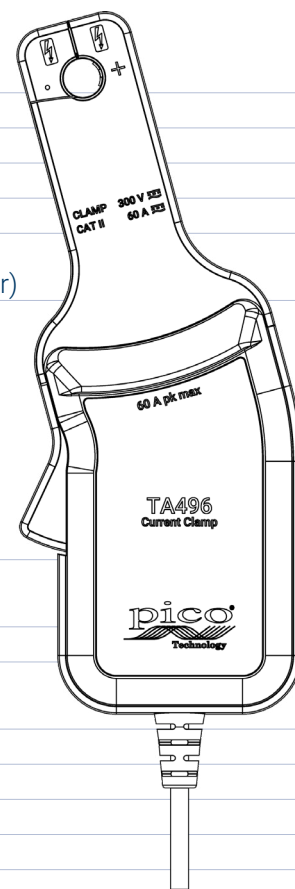


TA496 PICOBNC+® 60 A (LOW AMPS) CURRENT CLAMP TECHNICAL SPECIFICATIONS

Electrical characteristics	
Current measurement ranges	Two ranges: ± 10 A peak, ± 60 A peak
Frequency range	DC to 40 kHz (-3 dB)
Power control	Power on when PicoBNC+ is connected
Resolution	5 mA (with 20 kHz scope hardware filter and 500 Hz software filter)
DC accuracy	0 to 60 A: $\pm 4\%$ of reading ± 630 mA 0 to 50 A: $\pm 4\%$ of reading ± 630 mA 0 to 20 A: $\pm 2\%$ of reading ± 190 mA 0 to 10 A: $\pm 2\%$ of reading ± 65 mA 0 to 5 A: $\pm 2\%$ of reading ± 35 mA 0 to 2 A: $\pm 2\%$ of reading ± 20 mA 0 to 1 A: $\pm 2\%$ of reading ± 20 mA 0 to 0.5 A: $\pm 2\%$ of reading ± 20 mA
At 23 °C ± 5 °C, 70 %RH maximum	
When used with a PicoScope 4225A or 4425A oscilloscope	
Zero offset adjustment	Automatic on connection to PicoScope. Manual button in software.
Coupling to PicoScope	AC/DC, selectable in software
Filtering	20 kHz hardware lowpass filter in PicoScope. Enabled by default, selectable by user.
Remanence (0 A–60 A–0 A)	300 mA typical
Working voltage	CAT II 300 V, pollution degree 2
General characteristics	
Maximum conductor diameter	9 mm (0.35")
Output connection	PicoBNC+
Cable length	2.85 m (9' 4")
Dimensions	167 mm x 68 mm x 26 mm (6.6" x 2.7" x 1.0")
Weight	0.25 kg (8.8 oz)
Environmental specifications	
Operating temperature range	0 to 50 °C
Storage temperature range	-20 to $+70$ °C
Operating humidity	70 %RH, max., noncondensing
Storage humidity	80 %RH, max., noncondensing
Compliance	
Safety	EN 61010-1, EN 61010-2-032
Environmental	RoHS, WEEE
EMC	CE, FCC



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