

Current Probes for use with PX5/4400/PowerVisa, Energy Platform, and Encore Series 61000



There are many possible current probe options available from Dranetz to fulfill your current measurement requirements for both Dranetz PX5/4400, Energy Platform, and Encore Series 61000 Monitoring instruments. Many of these current probes connect directly into the PX5/4400, Energy Platform, and Encore Series 61000 instruments. For the Encore Series 61000 a 61MAC input module allows connection of the available current probes to the instrument.

Clamp-On








Clamp-on type probes are available to measure as low as 0.1 A to a maximum of 3000 Amps in various ranges. Also, there are available clamp-on probes that measure both AC and DC currents.

Flexible Probes

These type of probes are available in three lengths 24 inches, 36 inches, and 48 inch lengths which allow monitoring currents up to 6000 Amps full scale.

Flexible Probes

These types of probes are available in three lengths 24 inches, 36 inches, and 48 inch lengths and available in two maximum ranges of 3000 A RMS and 6000 A RMS. Each probe can be powered by battery or AC adapter and multiple probes can be powered by a single AC adapter.

Product Number	Range		Amplitude Accuracy ±	Phase Accuracy ±	Frequency Range	Maximum Conductor Size
DRANFLEX 3000XL 	3A to 3000A (3 ranges)	3A to 30A	± 1% reading ±0.1 A	°1	10 Hz To 10 kHz	24 in. length up to 8 in. diameter 36 in. length up to 11 in. diameter 48 in. length up to 17 in. diameter
		30A to 300A	± 1% reading ±0.1 A	°1		
		300 to 3000A	± 1% reading ± 1 A	°1		
DRANFLEX 6000XL 	6A to 6000A (3 ranges)	6A to 60A	± 1% reading ±0.1 A	°1	10 Hz To 10 kHz	24 in. length up to 8 in. diameter 36 in. length up to 11 in. diameter 48 in. length up to 17 in. diameter
		60A to 600A	± 1% reading ±0.1 A	°1		
		600A to 6000A	± 1% reading ± 1 A	°1		
DRANFLEX 3003XL  3 PHASE	3A to 3000A (3 ranges)	3A to 30A	± 1% reading ±0.1 A	°1	10 Hz To 10 kHz	24 in. length up to 8 in. diameter 36 in. length up to 11 in. diameter 48 in. length up to 17 in. diameter
		30A to 300A	± 1% reading ±0.1 A	°1		
		300 to 3000A	± 1% reading ± 1 A	°1		
DRANFLEX 6003XL  3 PHASE	6A to 6000A (3 ranges)	6A to 60A	± 1% reading ±0.1 A	°1	10 Hz To 10 kHz	24 in. length up to 8 in. diameter 36 in. length up to 11 in. diameter 48 in. length up to 17 in. diameter
		60A to 600A	± 1% reading ±0.1 A	°1		
		600A to 6000A	± 1% reading ± 1 A	°1		
RR3035A 	3A to 3000A (3 ranges)	3A to 30 A	± 0.3A	°1	10 Hz To 10 kHz	24 in. length up to 8 in. diameter 36 in. length up to 11 in. diameter 48 in. length up to 17 in. diameter
		30A to 300A	± 3 A	°1		
		300A to 3000A	± 30 A	°1		
RR6035A 	6A to 6000A (3 ranges)	6A to 60A	± 0.6A	°1	10 Hz To 10 kHz	24 in. length up to 8 in. diameter 36 in. length up to 11 in. diameter 48 in. length up to 17 in. diameter
		60A to 600A	± 6 A	°1		
		600A to 6000A	± 60 A	°1		
CA4300BNC 			Required to allow connection of RR3035A or RR6035A flexible probes to PX5 family, EP1, or Encore Series 61000 module 61MAC instruments. One adapter cable required for each probe to be connected to the PX5, EP1, or Encore Series instruments.			

Transient Accuracy: ±10% of Reading, ±0.5% Full scale, ≥10 uSec