

Model 2GN Toroidal Current Transformer

Gold Standard – Ultra Accurate

Made in the USA

- UL 2808 Listed E361441
- Input 1A to 400A
- Output 100mV, 333mV etc.
- Accuracy Class 0.1
- Window Sizes up to 1.5" ID



The Model 2GN is a highly accurate toroidal style current transformer designed to be used as testing and calibration standards as well as being used for energy monitoring out in the field. The core is made from the best magnetic alloy available to provide extremely low loss, good linearity and high sensitivity at low input currents. The 2GN is UL Listed under UL2808, Cat III. Sentran Corporation has the file number E361441.

Specifications

Input Current	AC current, sine wave, single phase 50/60Hz
Voltage Rating	600VAC RMS
Bandwidth	50Hz to 400Hz. Must specify when ordering for optimum calibration
Output Voltage	100mV, 250mV, 333mV, 500mV, 1VAC
Output Current	Turns ratio set for 0.1a output into customer provide burden resistor
Phase Displacement	0.1° Maximum is standard
Ratio and Linearity Accuracy	0.1% from 1% to 100% of scale
Output Resistance (2GN Voltage Out)	Less than 200Ω - for high Z
Temperature Range	-40°C to 55°C
Altitude / Pollution Degree	Up to 2000 meters / 2
Continuous Current Rating Factor	1.0 or sometimes shown as 1X, 2X rated available
Construction	High temp UL plastic
Lead Wires	Unless specified, 8ft. twisted black and white, 18AWG MTW, UL1015, 600V, 105°C