

Models 2GN Gold Standard Toroidal Current Transformers Class 0.2 or 0.1 Accuracy



- Select any from 1A to 400A
- Accuracy Class 0.2, Optional Class 0.1
- Calibration exceeds IEC 60044-1 Table 11 or 12
- Millivolt or milliamp outputs available
- UL Listed to UL2808, IEC 61010-1 Cat III
- Annual Calibration Services available



The Model 2GN is a highly accurate toroidal style current transformer designed to be used as testing and calibration standards. 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 current transformer is UL Listed under UL2808, Cat III. Sentran Corporation has the file number E361441. The 2GN can be used for field installations for energy monitoring applications and other applications.

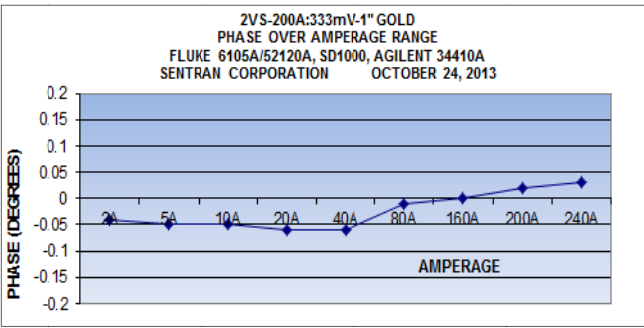
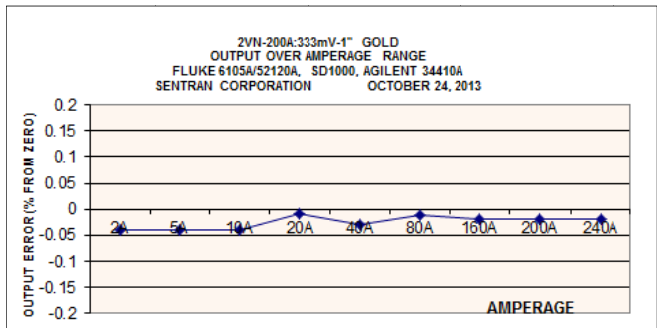
Input Current AC current, sine wave, single phase 50/60Hz
Voltage Rating 600VAC RMS
Bandwidth 50Hz to 400Hz
 Must specify when ordering for optimum calibration
Output Voltage (2GN voltage out)..... 250mV, 333mV, 500mV & 1VAC
Output Current (2GN current ratio)..... Turns ratio set for 0.1A
 Must specify instrument burden resistor and capacitors
Output Limiting Output is limited by internal transorb for the 2AN
Phase Displacement.....0.1° standard - can be adjusted lower
Ratio and Linearity Accuracy 0.2% from 0.5% to 100% of scale
Output Resistance (2GN Voltage out) Less than 200 Ohms - ----for high Z
Temperature Range -40°C to 70°C
Altitude 2000 meters, **Pollution Degree** 2
Construction High temp UL plastic
Lead Wires.. 8 ft. twisted black and white, 18AWG MTW UL1015 600V 105°C

HOW TO ORDER

Use Basic Number 2GN, then add:
 Volts out or Current Out (Ratio)

Either Class 0.2 (+/-0.2%) or Class 0.1 (+/-0.1%)
 Call out the cable opening or the window.
 Call out any outside dimension restrictions.
 Call out shielded cables if required.

Example: 2GN. 100A:333mV-0.5" Class 0.2
 Shielded cable, 4 foot long



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