

# CURRENT CLAMP

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P.N. PGCT-100MA



**GFCI Current Clamp** – This Differential Current Clamp assists in the analysis and trouble-shooting of ground-fault problems within an electrical system. The unit works by converting a current imbalance within an electrical circuit to a voltage output which can be measured by a standard volt meter (1mA leakage = 1mVAC meter reading). Simply clamp the device around all current-carrying conductors including neutral (if applicable) while powering the circuit. Set the volt meter to mVAC; the mVAC reading is numerically equal to the mA leakage of the electrical circuit. This device is ideal in diagnosis of ground-fault leakage contributors when an electrical system consists of more than one sub-circuit (ie. pump circuit, heater circuit, control circuit, etc.). **DO NOT USE ON ANY SYNTHESIZED POWER SOURCE**

The Differential Current Clamp also defines the trip threshold parameters for circuitry requiring GFCI/ELCI protection, thus providing the required ground-fault specifications for the application. (ACCURATELY LINEAR UP TO 200 mA)

## INSTALLATION CONFIGURATIONS:



**METER NOT INCLUDED**