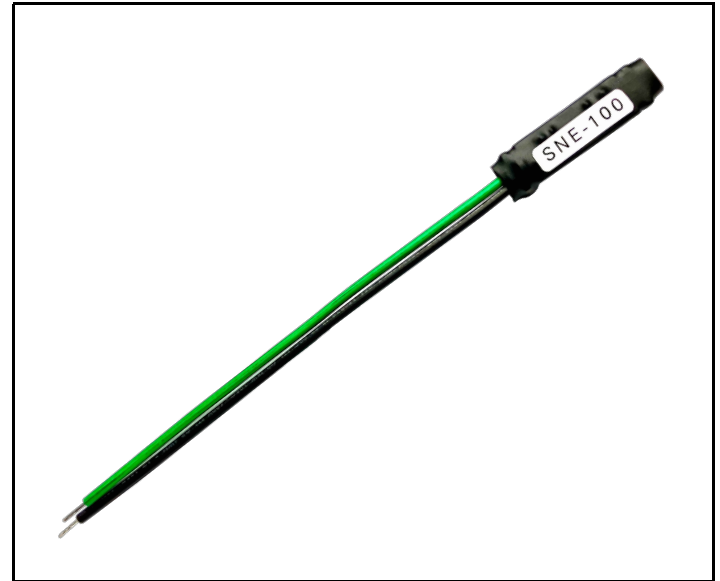


SNE-100

Signal Noise Eliminator

The Peaktronics SNE-100 is an add-on module to be used when conventional EARTH GROUND REFERENCED techniques are not used. The SNE-100 is designed to eliminate electrical noise and static electricity generated from transformers, generators, inverters, switching mode power supplies, solar panels, batteries and solar charge controllers. This lightweight module is ideally suited to retrofit existing actuators and can be installed by any electrician. No replacement or recalibration of the actuator is required.



Testing

Required On-Site Field Application Testing

The SNE-100 is effective at eliminating erratic operation of actuator controllers. The following continuity test will need to be performed if the controller is experiencing unpredictable actuator movements, mode changes and random fault light indications.

AC Powered Actuator Test

Measure between earth ground and signal ground, if no connection is seen then the SNE-100 is recommended.

DC Powered Actuator Test

Measure between earth ground and the negative power source, if no connection is seen then the SNE-100 is recommended.

Installation

AC Powered Actuators

Connect the SNE-100 green wire to an earth ground terminal and the black wire to signal ground. (See product model for more details).

DC Powered Actuators

Connect the SNE-100 green wire to an earth ground terminal and the black wire to the negative power terminal. (See product model for more details).

