

Battery-Powered Signal Conditioners

For Powering ICP® Pressure, Force, and Vibration Sensors

- Provide Constant-Current Excitation for ICP® Sensors
- Monitor Bias Voltage for Sensor System Integrity
- Indicate Faulty Input Connections or Cables
- Operate at Very Low Noise Levels
- Minimize Ground Loops and Eliminate AC Noise
- Powered by Standard Alkaline Batteries



PCB offers a variety of battery-powered, ICP® sensor signal conditioners for portable use. Single, three, and four-channel units are available. The devices satisfy constant-current excitation requirements and offer additional features such as gain, integration, sensor bias monitoring, battery status indication, and input fault detection.

Advantages of using battery powered signal conditioners include low-noise operation, portability, elimination of AC line noise, reduced ground loop problems, and low cost. They are an ideal choice for in-vehicle testing applications or remote locations where line power may be unavailable. All featured units utilize standard 9-volt alkaline batteries. Long-life lithium batteries are also available for extended service.

As with all instrumentation from PCB®, these units are complemented with toll-free applications assistance, 24-hour customer service, and are backed by a **Total Customer Satisfaction** guarantee.