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## Quickly and Easily Convert Any Standard Sensor Output to Modbus Format with New ADC Signal Converters from NK Technologies

**SAN JOSE, CA – [NK Technologies](#)** introduces [ADC Series](#) Analog to Digital Signal Converters. The ADC series readily accepts analog signals from up to eight loop or separately powered current, voltage, temperature or any other parameter sensor, and seamlessly converts them to a digital signal output that interfaces with the industry standard Modbus RTU digital protocol using a single network address. DIN rail mounting speeds installation. Sensor loop power supplied by the converter can eliminate the needs for a separate DC power supply. The ADC series can be factory-set for 120 or 240 VAC power supplies.

“With finger-safe field wiring terminals that are clearly marked for field installation, quick DIN rail mounting and the ability to connect up to eight 4-20 mA analog sensors to produce a digital signal representing 0-100% of each sensor output, the ADC makes it easier than ever to convert analog signals to an industry-standard Modbus output,” says Philip Gregory, President, NK Technologies.

The ADC series is ideal for photovoltaic power production due to its ability to measure output current accurately using an appropriately sized sensor, and its ability to measure voltage output from any sensor with a 4-20 mA output. In machine control applications the ADC series combines several analog signals into a single Modbus address, providing users with web-based access to data. The ADC series can also significantly enhance SCADA systems by enabling existing sensor data to be reported and recorded via network communication.

NK Technologies offers no-cost [test and evaluation units](#) to qualifying OEMs. Visit the [Engineering Resources](#) section of NK Technologies website for access to numerous application notes and a technology [white paper](#) on current sensing technology.

## **ABOUT NK TECHNOLOGIES**

Founded in 1982, NK Technologies designed the first the low-cost solid-state current sensing technology that underlies the industry today.

Today NK Technologies is a leading provider of current sensing, ground fault detection and power monitoring products to the [industrial and factory automation markets](#), with a product portfolio that includes more than 1300 models to satisfy a wide range of specific application needs. As the needs of these markets change, NK Technologies is well-positioned to respond with sophisticated new product designs and improved product functionality necessary to meet those applications.

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