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Easily Monitor DC Current with New DT Series Current Transducers from NK Technologies

Large aperture design makes it easy to seamlessly monitor any circuit up to 1200 amps

SAN JOSE, CA – [NK Technologies](#) introduces [DT Series Large Aperture Current Transducers](#). The DT series combines a hall effect sensor and signal conditioner into a single package for use in DC current applications up to 1200 amps. Factory calibrated ranges simplify operation and eliminate zero and span pots. Industry standard 4-20mA, 0-5VDC or 0-10VDC outputs are magnetically isolated from the input to provide maximum safety, and eliminate insertion losses. Internal power regulation delivers reliable operation and helps keep installation costs low, even in applications with unregulated power. A DIN-rail mount enclosure makes installation easy.

“DT series current transducers provide design and process engineers with a rich source of equipment information,” says Philip Gregory, President, NK Technologies. “They are economical and reliable tools for monitoring equipment status, detecting process variations and enabling corrective action to be taken before a failure occurs, and ensuring personnel safety.”

The ability to monitor any circuit up to 1200 amps makes DT series large aperture current transducers ideally suited for any number of applications, including:

- Monitoring load and charging currents, and verifying operation, of battery banks
- Measuring traction power or auxiliary loads in transportation applications
- Monitoring DC powered motors in cranes, saws, sorters and positioning equipment
- Measuring the current produced or consumed, and detecting mechanical problems before a failure occurs, in wind and solar power generation applications

[Test and evaluation units](#) are available to OEMs at no cost.

Visit the [Engineering Resources](#) section of NK Technologies website for access to numerous application notes, and 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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