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Monitor DC Current with New DT 3-Wire Current Transducer from NK Technologies

*The newest addition to NK's transducer family is in a very small, compact case
with a 0-5 or 0-10 volt DC voltage output signal*

SAN JOSE, CA – The new [DT Series 3-Wire Current Transducer](#) from [NK Technologies](#) is specifically designed in a compact, space-saving case. The DT 3-Wire uses a common point for both power supply and output signal, and is factory calibrated for a single current range. This 3-wire method for DC current measurement keeps costs in check for projects where many sensors are needed.

“Reliability is key in all monitoring applications, and there are gains in reliability whenever the number of connection points can be reduced,” explains Philip Gregory, President, NK Technologies. “With the addition of this new series of sensors, NK Technologies has provided the system designer even more choices to measure DC current.”

The DT 3-Wire features industry standard outputs of 0-5 or 0-10 VDC proportional to the DC current. It is powered by 24 VDC, factory calibrated, and compact and easy to install. It's commonly used in applications like photovoltaic panel monitoring, hoists, DC motor protection and wind driven generators. The DT Series complements NK Technologies' existing DLT Series of 4--20 mA current output sensors. When specified controllers can read only voltage output sensors, the DT 3-Wire provides the same space saving properties without the need to add an external dropping resistor, consequently removing another place where trouble could occur.

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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