

Media Contact:  
Shane Novacek  
Beckhoff Automation  
Phone: 952-808-6515  
[s.novacek@beckhoff.com](mailto:s.novacek@beckhoff.com)  
Twitter: [@BeckhoffUSA](https://twitter.com/BeckhoffUSA)

Note to editors: Link to high res photo and picture caption follow news release text.

## **New SCT Current Transformers Complete Sensor-to-cloud Power Measurement Chain**

*Beckhoff unveils versatile current sensor series with a measurement range from 1 A to 5,000 A*

SAVAGE, Minnesota, December 19, 2019 – With the new SCT current converters, Beckhoff Automation completes the power measurement chain that now ranges from measuring physical values to transmitting captured data to the cloud. Continuous, system-integrated power measurement allows users to perform extensive inline analyses, for example, to detect and correct deviations quickly in order to minimize downtime. The Beckhoff portfolio of current transformers covers all applications for currents ranging from 1 A to 5,000 A with a choice of ring-type and split-core devices as well as three-phase current transformer sets.

With its SCT current transformers, Beckhoff makes it possible to implement reliable power sensor technology directly in the field as an integrated component of PC-based control technology. Users can select from two device types, each available in various designs and performance categories that are highly scalable and therefore suitable for a great variety of applications. The SCT portfolio is extremely broad, ranging from low-cost three-phase CT sets for building technology and standard industrial transformers for machines to solutions for inspection and test stands with the highest accuracy requirements.

The choice of product category depends on the type of use. While ring-type transformers are well suited for cost-effective and accurate data acquisition in new installations, the easy-to-install split-core CTs provide the ideal solution for trouble-free retrofit solutions. With either solution, the integrated power

measurement chain from the sensor to the cloud simplifies energy management and opens the door to improving the availability of machines and systems.

### [SCT current transformers](#)

#### **Link to high res image:**

[https://download.beckhoff.com/download/press/2019/pictures/pr122019\\_Beckhoff.zip](https://download.beckhoff.com/download/press/2019/pictures/pr122019_Beckhoff.zip)

#### **Press picture:**



#### **Picture caption:**

Suitable for measuring currents from 1 A to 5,000 A, SCT current transformers are available in ring-type (the two devices on the left) and split-core versions (the two devices on the right).

*Beckhoff Automation is a provider of advanced and open automation solutions based upon proven technologies for customers to implement high performance control systems faster and at a lower overall cost than traditional PLC and motion control systems. Beckhoff's "New Automation Technology" product range includes PC-based control, Industrial PCs, automation controllers, operator interfaces, I/O, servo drives and motors. With representation in more than 60 countries, Beckhoff is well-positioned to provide global sales and service to its customers. Beckhoff sales and service are handled directly, with no intermediaries involved for exceptional customer service and consultation.*

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#### **Send questions regarding "Beckhoff SCT current transformers" to:**

Beckhoff Automation LLC  
13130 Dakota Ave  
Savage, MN 55378

Toll-free: 1-877-TwinCAT  
Local: 952-890-0000  
Fax: 952-890-2888  
Email: [beckhoff.usa@beckhoff.com](mailto:beckhoff.usa@beckhoff.com)  
[www.beckhoffautomation.com](http://www.beckhoffautomation.com)  
Twitter: [@BeckhoffUSA](https://twitter.com/BeckhoffUSA)