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## **The SC-200, Alliance Sensors Group's CyberSecure Smart AC-LVDT Signal Conditioner**

### **The Most Advanced LVDT Signal Conditioner for Industrial Applications**

Moorestown, New Jersey, March 1, 2018... [H.G. Schaevitz LLC dba Alliance Sensors Group](#) introduces its latest LVDT signal conditioner, the highly advanced SC-200. This LVDT signal Conditioner offers smart and fast LVDT/RVDT setup and has been engineered to work with the widest range of industrial LVDTs, RVDTs, and inductive half-bridge sensors including 3-wire LVDTs. The signal conditioning module has cyber security tamper prevention and notification features that no other manufacturers have even considered, providing confidence that the unit has not been compromised.

#### **SC-200 Significant features:**

- Cybersecurity to prevent tampering and notify main system operations of tamper attempt
- Color coded plug-in connections
- Self-diagnostics.
- Two year warranty

#### **SC-200 Operating Features:**

- Push button calibration
- RS-485 digital communications
- Hot swap capability
- Enhanced Fault Diagnostics

"We are extremely excited about the release of the SC-200", states Harold Schaevitz, President and CEO of Alliance Sensors Group. "The marketplace has asked Alliance Sensors for several enhanced features, and our engineering staff has exceeded expectations and delivered a superior product for the Industrial market compared to other manufacturer's products.

The SC-200 has more system diagnostic capabilities than any stand-alone LVDT conditioner on the market. This LVDT Signal conditioner offers fault or failure detection for high reliability applications like nuclear power plant steam turbine controls. The SC-200's diagnostics can detect at least eleven (11) fault conditions. The SC-200 offers push button calibration, reducing set up time by a factor of 10. The internal microprocessor automatically sets up the LVDT signal conditioner. The operator simply presses the front panel Zero button and Full Scale buttons. The SC-200 is then fully calibrated with the LVDT position sensor. The SC-200 also can be setup remotely using a computer via its RS-485 port connected. For installations involving multiple position sensors, the SC-200s can be master /slaved to prevent cross talk between sensor signals.

For more information on the SC-200 AC-LVDT Signal Conditioner, please refer to the web site at [link to landing page here](#) or contact the factory at [sales@alliancesensors.com](mailto:sales@alliancesensors.com) .

#### **About Alliance Sensors Group**

Headquartered in Moorestown, New Jersey, Alliance Sensor Group (<http://www.alliancesensors.com/>) is an LVDT, LVDT and RVDT sensor manufacturing company offering engineering and application support in solving specific measurement challenges within the power generation, fluid power and manufacturing industries. Combining more than 150 years of sensors experience, our technical and application support staff have extensive experience in providing the right sensor for challenging rotary and linear position measurement applications. Follow us on Twitter [@Alliancesensor1](#).