

**FOR IMMEDIATE RELEASE**

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***Vectron International Announces  
VisConnect<sup>®</sup> Converters supporting ASCII and MODBUS RTU over RS-485***

*New Protocol Converters Directly Interface to ViSmart<sup>®</sup> Viscosity Sensors  
for Viscosity Measurement and Control*

**NÜRNBERG, GERMANY — May 15, 2013 —** [Vectron International](http://www.vectron.com), a leader in the design, manufacture and marketing of piezoelectric technology based products announce the VisConnect<sup>®</sup> Converters VC-2020 and VC-2030 at the Sensor & Test 2013 Measurement Fair in Nürnberg, Germany from May 14-16<sup>th</sup> in booth # 108, hall 12. Marketed under Vectron's [SenGenuity](http://www.vectron.com) family of sensors, the new converters are DIN rail mountable and provide real time viscosity and temperature readings from the ViSmart<sup>®</sup> VS-2000 and VS-2500 series of viscosity sensors. The RS-485 converters support ASCII and MODBUS RTU protocols, respectively.

The new converters expand SenGenuity's line of VisConnect<sup>®</sup> Converters to include the VC-2010 CANopen Converter, VC-2020 ASCII over RS-485 Converter, and VC-2030 MODBUS RTU over RS-485 Converter. Both the VC-2010 CANopen and VC-2030 MODBUS RTU Converters have been third-party tested and verified to protocol standards, while the VC-2020 ASCII Converter utilizes an easily implementable ASCII bus-friendly command set. The series of Converters also provide critical Converter and Sensor status information along with the viscosity (AV), temperature (C) measurements.

The new VC-2020 ASCII and VC-2030 MODBUS RTU converters are integral parts of two viscosity sensing configurations. For non-hazardous environments, the converters directly connect to the ViSmart<sup>®</sup>

***For more information:***

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VS-2010 and VS-2510 series of viscosity sensors. For hazardous or explosive environments the converters interface to an ATEX certified VB-2511 shunt-diode intrinsic safety barrier and an ATEX-certified VS-2511 viscosity sensor. The customer can then directly interface the VisConnect® Converters to their programmable logic controller (PLC) for automated measurement and control of viscosity.

To facilitate uncomplicated system installation, the Converters are DIN rail mountable and have easily accessible screw terminals for process interface connections and sensor connections. The Converters can also be connected to optional DIN rail TBUS connectors which minimize system wiring and decrease installation time. The DIP switches, available on the top of the Converters, minimize system setup by allowing fast bus configuration. Settings for bus bit rate, node ID, and bus termination are all available. The narrow housing (22.5mm) allows Converters to be installed adjacent to one another thus reducing cabinet space requirements. Due to their wide input voltage range the Converters can be used with most industrial power supplies, especially those which target the industrial standard level of +24VDC.

For further information on these or any other SenGenuity brand sensor products please contact a customer service representative at 1.888.328.7661 or visit [www.sengenuity.com](http://www.sengenuity.com).

### **About Vectron International**

Vectron International is a world leader in the design, manufacture and marketing of frequency control, sensor, and hybrid product solutions. Vectron solves complex timing, filtering and sensor challenges by delivering customized solutions that speed time to market and offer low total cost of ownership. Vectron uses the very latest techniques in both bulk acoustic wave (BAW) and surface acoustic wave (SAW) based designs from DC to microwave frequencies. Committed to the industry's highest quality service standard and complete satisfaction, Vectron International leverages its global footprint and 50 years of experience to help customers achieve competitive differentiation and improve their bottom line. Vectron International is headquartered in Hudson, NH and has operating facilities and sales offices in North America, Europe and Asia. For more information, please call 1-888-VECTRON-1 or visit [www.vectron.com](http://www.vectron.com).

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