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**Holidays**

NVE will be closed Memorial Day, May 30.

**Recent Tradeshows**

Distributor KK Rocky demonstrated several NVE sensors at the Embedded and Edge Computing Expo in April in Tokyo.

In this demonstration, a toy car is guided by two GMR switches that detect when the car hits a position limit:



[Sensor Product Information »](#)

**Upcoming Tradeshows**



NVE will be at **pcim** May 10 to 12 in Nuremberg, Germany. See us in Hall 9, booth 433 with our distributor Hy-Line Power.

NVE distributor Angst + Pfister will represent NVE at **SENSOR+TEST** May 10 to 12 in Nuremberg, Germany. See us at stand no. 1-361.

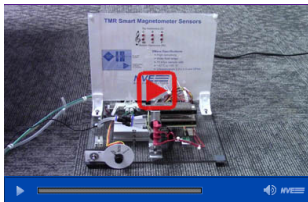
NVE will be at **Sensors Converge** June 27 to 29 in San Jose, Calif. See us in booth 1028.

We will highlight four products at the upcoming tradeshows.

**SM223 High-Sensitivity I<sup>2</sup>C Magnetometer**

The SM223 high-sensitivity magnetometer has a 1.5 mT linear range and is factory calibrated to provide precise analog field measurements. The new part has an I<sup>2</sup>C interface and a programmable digital threshold output.

We demonstrate continuous linear cylinder position control with a mechatronic harmonica player:

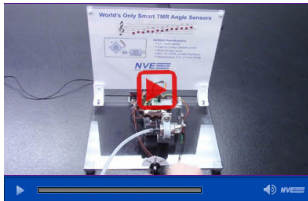


[More Information »](#)

**ASR002 TMR Smart Angle Sensor**

The ASR002 Smart Angle Sensor provides precise angle measurements via an SPI interface.

We demonstrate with a mechatronic musical pitch-pipe player:

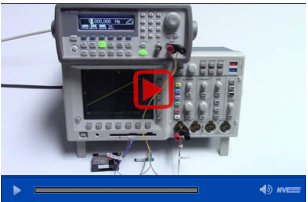


[More Information »](#)

**ACT001 Inline Current Sensor**

The ACT001 is a high-sensitivity, inline analog TMR current sensor for AC or DC measurements. A Wheatstone bridge configuration provides a bipolar differential output proportional to the current through the strap.

This video demonstrates AC and DC applications:



[More Information »](#)

**ALT023 High-Sensitivity Analog Magnetometer**

The ALT023 is a NVE's most sensitive TMR analog magnetometer and can precisely measure fields from a few microtesla to 1 mT.

We demonstrate the ability to detect small magnets at a large distance:



[More Information »](#)