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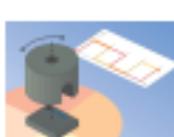
[GMR Sensor Demonstration](#)

**Happy New Year**

NVE was closed January 2 for the New Year holiday, but is operating normally the rest of the week.

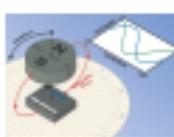
**2016 New Products**

**2016** new product highlights included:



**Rotation Quadrant Sensor**

The new ADT002-10E rotation sensor is an ultralow power, digital-output sensor providing accurate, absolute rotational quadrant information based on a rotating magnet.



**Ridiculously Low-Power Angle Sensor**

The AAT009-10E Ultra-Ultra-Low Power Tunneling Magnetoresistance (TMR) Angle Sensor has 6 MΩ typical device resistance.

**AG040B:**

**ADL041 Nanopower Sensor Mini Eval Board**

A demo board with the ultraminiature, ultralow-power ADL021 magnetic switch. Powered by a coin cell (included), the quiescent power is so low, the battery will last indefinitely.

**AG941-07E:**

**ADL-Series Nanopower Magnetic Sensor Evaluation Kit**

The kit includes a demo board with three ultraminiature, ultralow-power ADL-Series magnetic sensors. Each sensor drives an indicator LED, and a meter shows the sensor power in microamps or nanoamps.

**AG932-07E:**

**ADT002 Rotation Sensor Evaluation Kit**

The board includes an ADT002 rotation sensor, a split-pole magnet, a 3-volt coin cell, and simple circuitry to drive LEDs from the sensor outputs. Two LEDs follow the sensor outputs; four others indicate the rotational quadrant.

**AG940-07E:**

**Digital/ Analog/ Omnipolar/ Bipolar Sensor Demo Board**

The kit includes a demo board our most popular sensor types: digital, analog, omnipolar, and bipolar. Each sensor drives an indicator LED. A bar magnet is included.

**Recent Exhibitions**

NVE distributor K.K. Rocky demonstrated the easy interface and remarkable precision of [NVE AAT-Series angle sensors](#) at the **Embedded / IoT Technology** show in Yokohama, Japan:



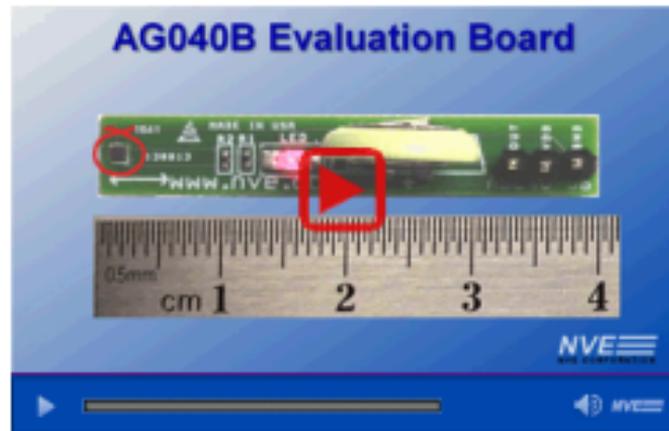
[Click here](#) for a video showing how we make angle sensor/laptop demonstrations like this.

**ADL021 Mini Demo Boards**

New boards let you see for yourself the ridiculous low power, high sensitivity and tiny size of NVE's ADL021 magnetic sensors.

The boards have a digital outputs and LED indicators. A bar magnet is included.

The miniature evaluation boards are just 0.25 x 1.57 inches (6 mm x 40 mm).



ADL021 sensor features include:

- Ultralow current (100 nA)
- Sensitive (20 Oersted)
- 1.1 mm x 1.1 mm (small enough to fit on the head of a pin)

Two board versions are available. The [AG040C](#) is designed to be externally-powered from a 3.3-volt nominal supply. These boards are ideal to interface to Arduino or other single-board computers.

The [AG040B](#) version is powered by a coin cell (included) for a self-contained demonstration. Sensor quiescent current is so low the battery will last indefinitely, so there's no need for a power switch or battery holder:



Both mini demo board versions—with and without batteries—are [in stock](#) for immediate delivery.

**Buy Online**  
\$9.95 shipping