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**2022 Awards**

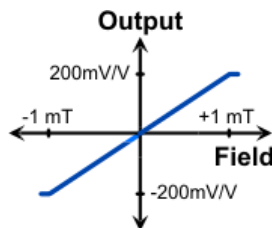
NVE was named to [Forbes 2022 America's Best Small Companies](#)

**New Year Holiday**

NVE will be closed Friday, December 31 for the New Year holiday.

**Year in Review**

**2021** new products included:



**NVE's Most Sensitive Sensor Ever**

The new ALT023 is a version of the popular ALT025 Tunneling Magnetoresistance (TMR) analog magnetometer with ten times the sensitivity (200 mV/V/mT). The ALT023 can precisely measure fields from a few microtesla to 1 millitesla.

**TMR Gear-Tooth Sensors**



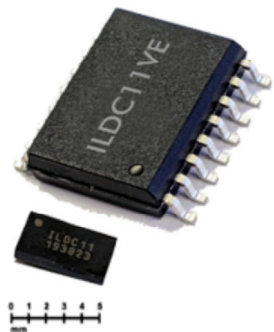
ABT-Series Gear-Tooth Sensors are the world's first Tunneling Magnetoresistance (TMR) gear-tooth sensors. Key features include 0.001° resolution, large analog peak-to-peak signals, two channels to detect direction, operating frequency to 350 kHz, and 150 °C operating temperature.

**Nanopower TMR Magnetic Switches**



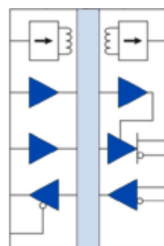
ADT-Series TMR magnetic switches provide ultralow power without duty cycling. That means high speed, low noise, and more reliable operation. The parts operate from 2.4 to 4.2 volts with a typical quiescent supply current of just 0.6 μA. Magnetic operate points are as low as 1.5 mT. ADT sensors come in a 1.1 by 1.1 mm DFN4 package.

**Ultraminiature DC-DC Converter With 4 kV Isolation**



The new IsoLoop® **ILDC11VE** is a 10 mm by 8 mm 3.3-to-3.3 V DC-DC converter with 4 kVrms isolation, complementing the previously released 3 mm by 5.5 mm **ILDC11-15E** with 2.5 kVrms isolation. Both versions provide 250 mW of regulated, low-ripple power. Frequency hopping and shielding quash EMI and make ferrite beads unnecessary.

**Isolators with Integrated DC-to-DC Converters**



In 2021 we expanded our industry-leading line of isolators with integrated DC-to-DC converters to include boost versions, 4 kV isolation, and a plethora of new channel configurations. The family is based on NVE's revolutionary IsoLoop DC-to-DC converter technology and patented GMR isolation technology.