



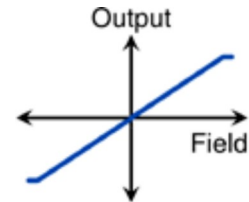
NVE Launches TMR Analog Magnetometer

Revolutionary sensor provides large signals and wide linear range

EDEN PRAIRIE, Minn.—June 26, 2019—NVE Corporation today announced the revolutionary new ALT025 Tunneling Magnetoresistance (TMR) analog bridge magnetic sensor with an extraordinary amount of signal and a wide linear range.

Bipolar Output

The differential bridge output is bipolar, meaning it is positive for a positive field and negative for an opposite field polarity.



The new ALT025 sensor provides a bipolar transfer function.

Key Specifications

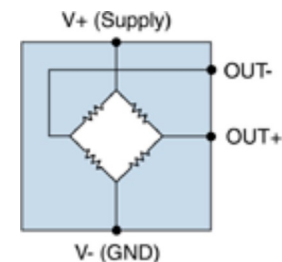
- Large signals (20 millivolts per volt per millitesla typical)
- 20 kilohms device resistance for low power
- ± 10 millitesla linear range
- High linearity output (less than 1 percent of full scale ± 5 millitesla)
- Ultra-low temperature coefficient of output (± 0.1 percent per degree Celcius)
- Up to 300 kilohertz bandwidth
- 2.5 by 2.5 millimeter (0.98 by 0.98 inch) DFN-6 package
- -40 to 125 degrees Celcius operating range

Applications

- Motion, speed, and position control
- Noncontact current sensing
- Mechatronics and robotics

Available Now

The ALT025-10E is in stock for immediate delivery, priced at \$5.68 each in 1000-piece quantities.



The ALT025 has a differential bridge analog output.

Click here to download the [ALT025 datasheet](#), or visit www.nve.com for more information.

Leaders in Practical Spintronics

NVE is a leader in the practical commercialization of spintronics, a nanotechnology that relies on electron spin rather than electron charge to acquire, store and transmit information. The company manufactures high-performance spintronic products including sensors and couplers that are used to acquire and transmit data. NVE has also licensed its spintronic magnetoresistive random access memory technology, commonly known as MRAM.

Statements used in this announcement that relate to future plans, events, or performance are forward-looking statements that are subject to certain risks and uncertainties including, among others the risk factors listed from time to time in our filings with the SEC, including our Annual Report on Form 10-K and other reports filed with the SEC.

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