

FOR IMMEDIATE RELEASE



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**Wells Engineered Products Introduces Rotary Position Sensors
for Electric Vehicle Traction Motor Applications**

Patented Technology Delivers Higher Accuracy in a Smaller, Lighter Package

FOND DU LAC, WI (September 22, 2020) – Wells Engineered Products, a business unit of Wells Vehicle Electronics that serves manufacturers of premium vehicles and equipment throughout North America, has launched a new line of [Rotary Position Sensors](#), featuring patented sensor technology for EV traction motor applications.

As an alternative to conventional transformer resolvers and variable reluctance resolvers, Wells Engineered Products' Rotary Position Sensors use hall-effect sensors two-axis sinusoidal magnetization to deliver higher accuracy in a smaller, lighter package.

“Because controllability, performance and smooth torque are all critical for EV performance, accurate measurement of rotor position is essential,” said Greg Burneske, Director of Wells Engineered Products. “Our Rotary Position Sensors are more compact than a traditional VR resolver and integrate readily into new or existing motor designs – including hub motors – giving EV traction motor designers opportunities for improved designs with higher performance at a lower cost.”

In addition to delivering superior accuracy in a smaller, lighter package, Wells' Rotary Position Sensors feature a semi-circular package for space-constrained applications, making them adaptable to various mounting techniques and locations. They are easily calibrated to any position, completely serviceable and offer built-in redundancy.

Rather than offering a one-size-fits-all solution, Wells Engineered Products' engineering team collaborates with customers to incorporate customized Rotary Position Sensor technology into current or future motor designs. And since our sensors are manufactured in North America on highly automated equipment, Wells Engineered Products can fill small, medium and high-volume orders economically.

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About Wells Engineered Products

As a business unit of Wells Vehicle Electronics, Wells Engineered Products is a full-line manufacturer that provides custom precision engine management and power control products for manufacturers of premium vehicles, power generation and industrial equipment throughout North America. Wells Engineered Products partners with automotive manufacturers and their Tier 1 suppliers, as well as smaller sectors, to combine and re-engineer the best technologies available to design, develop, test, validate, build and deliver proven parts that meet their unique needs and applications. For more information, visit www.wellsengineeredproducts.com.

About Wells Vehicle Electronics

Wells Vehicle Electronics L.P., founded in 1903 by Robert Wells, designs, manufactures, and distributes industry-leading vehicle electronics. As a division of NGK Spark Plug Co., LTD, Wells focuses on finding and providing win-win solutions for its associates and business partners from its headquarters in Fond du Lac, Wisconsin. For more information, visit www.wellsve.com.

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