



WELLS
ENGINEERED PRODUCTS

ROTARY POSITION SENSORS

INNOVATIVE TECHNOLOGY FOR ELECTRIC MOTOR CONTROL

Using patented breakthrough technology, rotary position sensors from Wells Engineered Products are an alternative to bulky, expensive VR resolvers. By providing higher accuracy from a smaller, lighter package, this innovative product gives electric motor designers opportunities for improved designs with higher performance at lower cost.

HIGHLY CAPABLE



Accurate measurement of rotor position is essential in electric motor applications where controllability, performance and smooth torque are critical. Our rotary position sensors are developed expressly for electric motor applications as an alternative to VR resolvers. More compact than a VR resolver, our sensors integrate readily into existing designs and even hub motors while providing more data output options for improved control.

ENGINEERING FLEXIBILITY

Collaboration is a hallmark of our approach to product development, and our rotary position sensor is no exception. Rather than relying on one-size fits all solutions, our sensor is configurable for a wide range of installation methods and mounting locations. Our engineering team will work with you to incorporate it into existing or new motor designs.

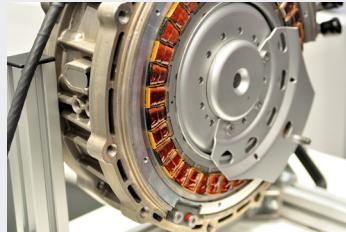
INDUSTRY-LEADING MANUFACTURING CAPABILITIES

At Wells Engineered Products, sophisticated devices like rotary position sensors are manufactured on highly automated equipment. This assures we provide cost effective solutions from our North American manufacturing operations and helps provide the high quality for which our products are known. Our consistency and reliability is further assured by our rigorous design validation testing. Our IATF/TS 16949 certification ensures every step from design to manufacture and shipping is performed in a rigorously consistent manner.

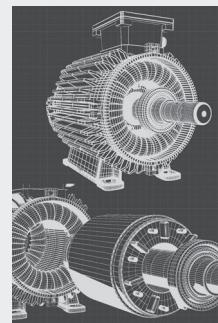
Small quantity orders are never a problem for Wells Engineered Products, because our flexible approach to manufacturing ensures that small, medium and high-volume orders can all be satisfied economically.

Some of the advantages of choosing Wells Engineered Products for your rotary position sensors include:

- Patented technology
- Accuracy superior to that of resolver designs
- Semi-circular package for space-constrained applications
- Weighs less than an equivalent resolver
- Easy calibration
- No laminations to impair durability or performance



- Insensitive to local magnetic fields
- Serviceable
- Provides mechanical rotation position or electrical position for commutation calculations
- Available with digital outputs
- Arctangent ramp analog output also available
- Adaptable to various mounting techniques and locations



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Ready to bolster your motor performance? Call us for a free consultation.

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