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Tough Sensor Sets Its Sights on Agriculture

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Gurnee, IL – September 8th, 2014—Dynapar announces the all-new RR25, a rotary speed sensor targeting agricultural applications in the Off-Highway Vehicle market. The patent-pending sensor utilizes proven Hall-IC technology to provide reliable service in the Ag industry’s demanding environment where contaminants, corrosive chemicals, and high vibration are commonplace. Like all new Dynapar products, the new sensor is RoHS and CE compliant for global use.

Revolutionary Design for Maximum Uptime

Automation equipment users involved in production will tell you downtime is unacceptable, and farmers are no exception. Sensors employed in precision farming equipment must operate in a variety of less-than-ideal conditions that can cause problems for lesser designs. Not so for the Dynapar RR25.

The new sensor starts with a ball bearing-less design and encapsulated electronics to produce a reliable signal in wet and dirty conditions. The housing material was chosen to be compatible with contaminants like fertilizer, diesel fuel, and hydraulic fluid, commonly present in the Ag environment. Few fasteners and limited component count make the design rugged, simple, and easier to produce, helping keep manufacturing costs down in a price-sensitive market.

Mounting the sensor is easy, through the use of a hub-shaft with clamping collar and anti-rotation tether. The compact design makes integration into existing machinery easy, and a choice of hub-shaft sizes is available. For those applications where the RR25 will replace a more traditional, shafted sensor, Dynapar offers a field-retrofit version with male shaft extension.

Availability

The new RR25 is built to order and immediately available for the general market. The product will be marketed under the Dynapar brand name and will be manufactured in the company's Gurnee, IL manufacturing facility. For new or existing applications and volume pricing, contact a Dynapar representative at 800-873-8731 or visit the web at www.dynapar.com for specifications and technical information.

About Dynapar

Dynapar is a world-leading manufacturer of optical and magnetic encoders and resolvers with more than 50 years of experience in engineering and manufacturing rotary feedback devices. Dynapar was founded in Gurnee, Illinois in 1955 and has been expanded through the acquisitions to include Dynapar™ Hengstler™, NorthStar™, Harowe™, and Encoder Technology brand product lines. Dynapar is now uniquely a provider of technologies spanning optical, magnetic, and resolver based feedback.

Pioneering the first true vector-duty hollow-shaft encoder launched Dynapar's strong presence in several industries, including steel, paper, elevator, oil and gas, wind energy, medical, material handling, and industrial servo manufacturing. From small kit encoders to large mill-duty tachometers, Dynapar has the industry covered.

Dynapar customers rely on expertise and support provided from the U.S. sales and manufacturing location in Gurnee, Illinois: Phone +1 800.873.8731 or +1 847.662.2666; FAX +1 847.662.6633; Website: www.dynapar.com. In addition, Dynapar supports global customers with local sales and production locations in Germany, Japan, China, and Brazil.