

NorthStar™



Series HD35R Encoder

The Toughest Encoder for the Most Challenging Conditions

Phased Array Sensor • Moisture and Dust Resistant Design • Unbreakable Code Disc



Ideally suited to the wind power generation industry, the NorthStar Series HD35R Generator Encoder is designed with harsh conditions in mind. It features advanced optical ASIC technology and encapsulation technologies that ensure long-term resistance to dust, water, heat, mechanical shock, vibration and more.

Performance where you can't afford to fail



- Phased array sensor for reliable signal output
- Rugged design with wide-spaced oversized bearings
- Unbreakable code disc, up to 5000 PPR
- Improved seal design for increased moisture resistance
- Extended temperature range: -40 to +100°C
- IP67 Enclosure Rating

Rugged applications require rugged encoder feedback, and the HD35R was designed to deliver superior performance in tough steel, paper and wind applications. Dynapar's phased array wide gap encoder engine combined with a plastic code disc delivers exceptional shock and vibration resistance, keeping your equipment in motion.



Wind



Paper



Steel

Features

Larger mechanically held bearings

Increased resolution range of up to 5000 PPR

New phased-array ASIC sensor

Unbreakable code disc

Benefits

Increased versatility in tough applications

Expanded resolution range for higher performance applications

Increases product lifetime

Plastic or Mylar disc will not break under stressful conditions



US Headquarters

1675 Delany Road • Gurnee, IL 60031-1282 USA • Toll-Free: 800-873-8731 • Phone: 847-662-2666 • Fax: 847-662-6633 • www.dynapar.com