NorthStar™

Series **HD35R** Encoder

The Toughest Encoder for the Most Challenging Conditions

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

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INNOVATION - CUSTOMIZATION - DELIVERY

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**

Because the turbine can't produce power without encoder feedback, its function in wind power generation is mission critical. That's why you should trust nothing but the best when it comes to your wind power application. The NorthStar Series HD35R Generator Encoder offers accuracy, reliability, durability above all else for challenging environmental conditions.

Beat the heat, dust, moisture and more with durable encoders from NorthStar

Features	Benefits
Larger mechanically held bearings	Increased versatility in tough applications
Increased resolution range of up to 5000 PPR	Expanded resolution range for higher performance applications
New phased-array ASIC sensor	Withstands up to 400g of shock
Unbreakable code disc	Plastic or Mylar disc will not break under stressful conditions

DYNAPAR™

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