



Oilfield Encoders that Deliver Improved Uptime

Industries with hazardous applications such as oil & gas require encoders that meet very specific industry standards. Dynapar encoders offer to oilfield equipment manufacturers and end users improved equipment uptime and U.S., Canadian and ATEX certifications for an overall improved solution. Dynapar encoders are used on drilling rigs, motors, cranes, propulsion systems, and completion and production equipment.



hollow-shaft EN42

Harsh Duty Optical Encoder

- High current 24vdc line driver for long cable runs
- Encapsulated Electronics with Increased Safety Interface for NEC505 and ATEX Zone 1 Use
- Innovative Design Eliminates Need for I.S. Barriers
- Industry leading -50 to 100°C Temperature Range
- **Applications:** Drilling Motors



shafted AX71

Harsh Duty Optical Absolute Encoder

- Up to 17 bits of Singleturn, 12 bits of True Multiturn Absolute Positioning
- ATEX, IECEx and NEC505 Zone 1 Certification for Explosion Proof Requirements
- Stainless Steel or Aluminum Housing
- Multiple Communication Options
- **Applications:** Block Position, Pipe Handling, Iron Roughnecks, Coiled Tubing Units



hollow-shaft HSD37/ISD37

Harsh Duty Optical Encoder

- Unbreakable Code Disc up to 5000 PPR
- ATEX and CSA Certified for Hazardous Duty Applications
- Single or Dual Isolated Outputs
- Hard Anodized Aluminum, Stainless Steel Housing
- IP67 Enclosure Rating
- -40°C to 100°C Temperature Range
- **Applications:** Top Drives, Block Position & Motors



shafted HD25 & Hazardous Series HD25

Harsh Duty Optical Encoder

- Unbreakable Code Disc up to 5000 PPR
- Anodized Aluminum, Stainless Steel Housing
- IP67 Enclosure Rating
- -40°C to 100°C Temperature Range
- Single or Dual Isolated Outputs
- ATEX and CSA Certified for Hazardous Duty Applications
- **Applications:** Top Drives, Logging, Blending, Power Tongs and Coiled Tubing Units



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View Dynapar's Encoder and Resolver product portfolio at www.dynapar.com