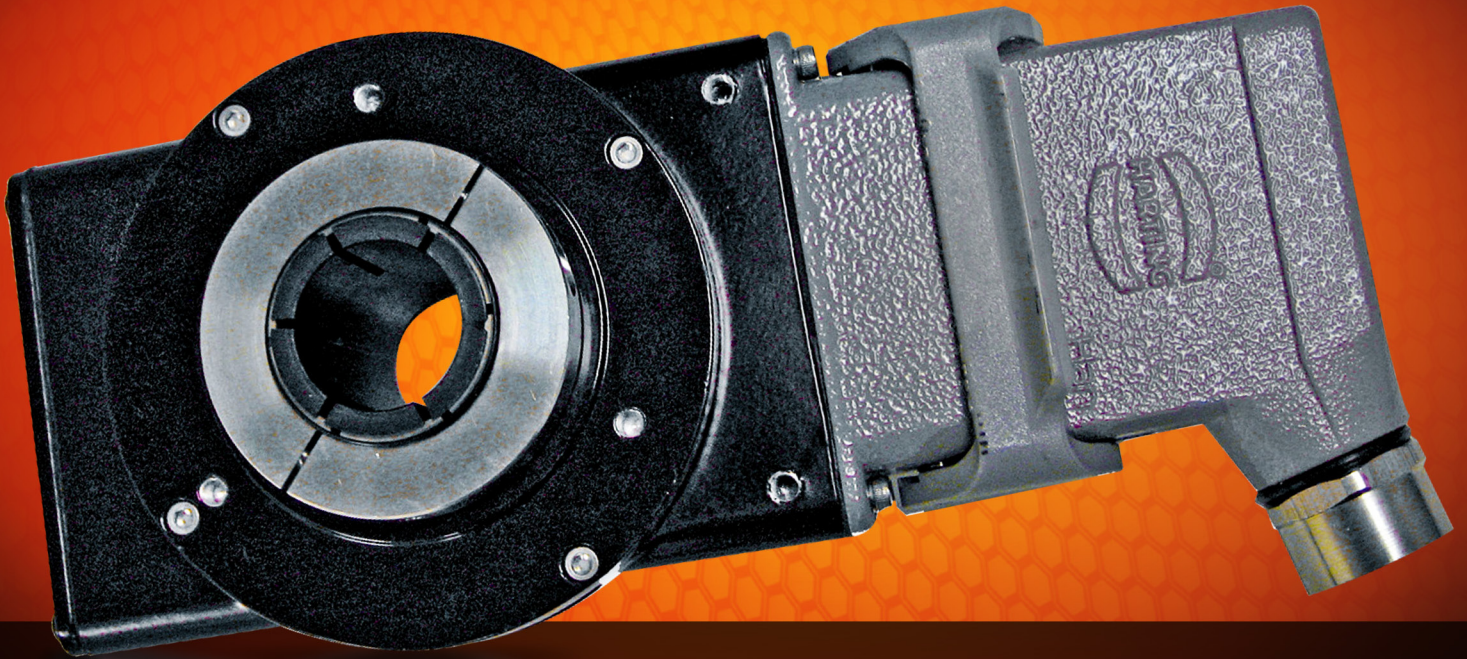




DYNAPAR

INNOVATION - CUSTOMIZATION - DELIVERY



A N N O U N C I N G T H E N E W

HSD35

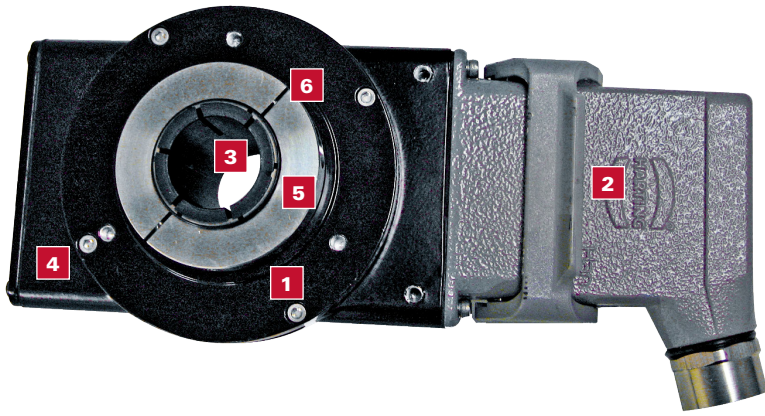
THE MOST RUGGED MILL DUTY OPTICAL ENCODER

The HSD35 incorporates the same design upgrades as the HS35R.

So what makes it different?

The HSD35 design includes a latching field-serviceable style connector, stainless steel shaft hub and dual split shaft clamp meeting the demands of rugged industries.

APPLICATIONS: Paper and Steel, Tire and Rubber, Crane/Hoist, Mining, Navy and Marine, Textiles



HSD35 NEW FEATURES

- 1** Improved Seals and Shielding
- 2** Latching Field Serviceable Connector
- 3** Electrically and Thermally Isolated Bushing
- 4** Powder Coat Over Hard Anodizing
- 5** Stainless Steel Shaft Hub & Dual Split Shaft Clamp
- 6** Dual V-Ring Seals on Shaft

HSD35 FEATURE-BENEFIT COMPARISON

FEATURE	BENEFIT
Wide Gap Phased Array sensor increases air gap over 10x compared to traditional mask-on sensor design	More resistant to shock up to 400g
Wide Gap Phased Array sensor eliminates many PCB components including trimpots	Increases lifetime and eliminates signal drift due to time and temperature
Elimination of glass discs in favor of unbreakable disc	Higher reliability in high shock and vibration applications
Larger, mechanically captured bearings instead of adhesive-applied	Increased lifetime and resistance to run-out and wobble
Stainless steel dual-split shaft clamp	Resists corrosion, stripped threads and provides positive shaft engagement
Wide -40° to 100°C optional temperature range	Reliable in extreme temperature applications
Latching Field Serviceable Connectors	Solder-less electrical connections for easy field installation

TARGET APPLICATION – PAPER AND STEEL MILLS



COMMON MOTOR CUSTOMER CHALLENGES:

ISSUE: In mill environments, solder connections can be unreliable and lead to wiring issues

OUR SOLUTION: Solder-less latching field serviceable connectors

ISSUE: Rugged feedback is required in tough and demanding applications

OUR SOLUTION: Robust, wide-gap opto-ASIC and simplified PCB improve durability

ISSUE: Customers demand fast delivery and expert technical support

OUR SOLUTION: Call 1-800-873-8731 for 3-Day lead-times and encoder expertise



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