



ENCODERS

ATMOSFERAS SEGURAS













RESUMEN DE LAS PRINCIPALES CARACTERISTICAS
PARA ENCODERS ROTATIVOS EN LAS MARCAS

NorthStar™ *ACURO*® *Dynapar*™ HENGSTLER® *Harowe*™






OPTICAL - INCREMENTAL

								
Product	HD20	HD25	HSD25	HSD37	HSD38	DWD38	HSD44	
Shaft/Bore Sizes	3/8" or 10mm Shaft	3/8" or 10mm Shaft	3/8" to 3/4" Shaft	12mm to 1" hollow shaft	12mm to 1" hollow shaft	1"-14UNS x 5/8"-18 Threaded Shaft or 1"-14UNS Threaded Shaft	16mm isolated hub shaft	
Available Resolutions (PPR)	1 to 3600	1 to 5000	1 to 3600	15 to 5000	15 to 5000	15 to 5000	1024	
Input Voltage (VDC)	5-26 or 7-26	5-26 or 7-26	5-26 or 7-26	5-26	5-26	5-26 or 7-26	5-30	
Operating Temperature (°C)	-40 to +100 (40 to +80 ATEX)	-40 to +100 (40 to +80 ATEX)	-40 to +100 (40 to +80 C ATEX)	-40 to +100 (40 to +80 C ATEX)	-40 to +100	-40 to +100 (40 to +80 ATEX)	-40 to +100	
Enclosure Rating	IP67	IP67	IP67	IP67	IP67	IP67	IP67	
Special Features	ATEX certification available	Dual isolated outputs available	Compact hub shaft design	ATEX certification available	Rugged bearing structure	Draw works threaded shaft	Isolated coupling compensates for motor shaft endplay	
								

MAGNETIC - INCREMENTAL

							
Product	SLIM Tach® SL56	SLIM Tach® RL67	SLIM Tach® SL85	SLIM Tach® SL1250	RIM Tach® 8500	RIM Tach® 1250	
Shaft/Bore Sizes	5/8" to 2-7/8" Standard, Up to 3.75" Available	5/8" to 2-7/8" Standard, Up to 3.75" Available	5/8" to 2-7/8" Standard, Up to 3.75" Available	5/8" to 2-7/8" Standard, Up to 3.75" Available	5/8" to 2-7/8" Standard, Up to 3.75" Available	5/8" to 2-7/8" Standard, Up to 8" Available	
Available Resolutions (PPR)	64 to 2048	64 to 2048	64 to 2048	64 to 2048	60 to 1200	60 to 2048	
Input Voltage (VDC)	5 to 15 or 5 to 26	5 to 15 or 5 to 26	5 to 15 or 5 to 26	5 to 15 or 5 to 26	5 to 15 or 15 to 26	5 to 15 or 15 to 26	
Operating Temperature (°C)	-40 to +90 (opt to +120)	-40 to +90 (opt to +120)	-40 to +90 (opt to +120)	-40 to +90 (opt to +120)	-40 to +80	-40 to +80	
Enclosure Rating	Immune to grease, salt water, dust	Immune to grease, salt water, dust	Immune to grease, salt water, dust	Immune to grease, salt water, dust	Immune to grease, salt water, dust	Immune to grease, salt water, dust	
Special Features	Bearingless design	Bearingless design	Bearingless design	Bearingless design	Bearingless design with removable sensors	Bearingless design with removable sensors	

ACCESSORIES

For full part numbers and descriptions please visit our catalog or website @ www.dynapar.com

RIM SS2 SIGNAL SPLITTER



The NorthStar signal splitter routes one encoder signal to multiple isolated locations.

RIM SSW SIGNAL SWITCHER



The NorthStar signal switcher enables the use of one drive with two separate encoders.

RIM 100 ENCODER TESTER



The NorthStar brand encoder tester is an instrument used to evaluate signal presence and quality produced by any manufacturer's digital encoder.

CPL FLEXIBLE SHAFT COUPLINGS



CPL Series couplings provide maximum mechanical, thermal, and electrical protection for encoder shaft connections.

FV3 FREQUENCY TO VOLTAGE CONVERTER



The FV3 converter converts the frequency output of the encoder to an analog signal for operating chart recorders, or for supplying velocity feedback in closed loop speed control systems.

CABLE ASSEMBLIES



NorthStar brand offers shielded cable with MS or M12 connector and cable clamps at one end and tinned leads at the other end.

MATING CONNECTORS



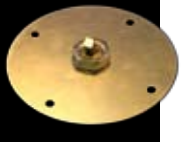
Dynapar offers a wide variety of military-style connectors for use with different style encoders.

NEMA & 5PY ADAPTERS



Dynapar offers NEMA C-face, 5PY and custom adapters to allow you to mount a variety of flange mounted encoders to 4-1/2" NEMA and DC accessory flanges.

GROUNDING BRUSH KITS



Provide a low resistance, and electrical contact to the motor shaft to reduce or eliminate induced shaft currents in AC and DC motors.



For additional information or to receive a full-line catalog, contact your Dynapar representative at 1.800.873.8731 or visit our web site at: www.dynapar.com

Headquarters: 1675 Delany Road • Gurnee, IL 60031-1282 • USA
Phone: 1.847.662.2666
Fax: 1.847.662.6633
Email: custserv@dynapar.com or dynapar.techsupport@dynapar.com

Satellite Locations:

North America: North Carolina, South Carolina, Connecticut, Massachusetts, New York, Canada, West Indies

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