HEAVY DUTY

SERIES RL67

Bearingless Encoder

Key Features

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Temperature in deg C

- Designed for Reliance Motors (6.75" fit and 56 and 140 C-Face)
- Magneto-Resistive Technology Resists Dust, Dirt, Oil, Water and Other Contaminants
- Anodized Aluminum Housing With **Field-Serviceable Connector**

This product has been discontinued and replaced by the SLIM Tach ST67 series. Please visit www.dynapar.com for more infromation



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J

G

Gray

Braid

Orange

NorthStar[™] brand



STANDARD OPERATING CHARACTERISTICS	ELECTRICAL (CONT.)			NVIRONMENTAL		
Code: Incremental, Magnetic	Frequency Response: 0 - 120kHz Data & Index.			Operating Temperature Range:		
Pulses per Revolution: 64-1024 PPR Phasing Sense: A leads B for Counter-Clockwise	Please refer to our performance curve diagram for frequency and temperature details**			Standard: -40°C to +90°C Extended: -40°C to +100°C		
rotation (CCW) viewing encoder-mounted end	Noise Immunity: Tested to EN61326-1			Storage Temperature Range: -40°C to +120°C		
Quadrature Phasing: 90° ± 22° Symmetry: 180° ± 54°	Electrical Immunity: Reverse polarity and short circuit protected			Shock (Sensor Module): 30 G's Min Vibration: 18 G's @ 5-2000 Hz spectrum		
Index: 270°, ungated (optional gated to falling B edge)	Connector: 10 pin industrial duty latching, sealed NEMA 4 & 12, IP65			lumidity: Up to 98% (non-condensing)	
Number of Output Modules: Single	MECHANICAL					
ELECTRICAL	Bore Size: 5/8" to 3.75"					
Input Voltage Requirement: 5-15 or 5-26 Volts DC	Mounting Configuration: 4.5" diameter, 56					
Current Requirement: With Electrical Option L or H: 45 mA typical per	C-Face, 140 C-Face Mount or accessory flange to meet NEMA MG1-4 standards or mounts directly					
sensor module plus line driver load		ed accessory recess				
With Electrical Option V or 5: 65 mA typical per sensor module plus line driver load	4.5" accessory flange found on Reliance RPM™ motors					
Output Signals:	Shaft Speed: 5,000					
4428 Differential Line Driver: 150mA, sink or source IC-WE Differential Line Driver: 150mA, sink or	Shaft Length Requi					
source	Allowable Shaft En Allowable Shaft Ru					
source		12,000 rpm/sec max				
	Housing Material:					
	Weight: 4 lbs	ouor , iuminum				
	J	COTIONS				
**Frequency vs Temperature Performance Curve	ELECTRICAL CONN					
140	Signal	Connector Pin	Pigtail Cable	MS 3102E18-IT#		
120	Common	1	Black	F		
	В	2	Green	B		
(¥¥) 90	A	3	Blue	<u>A</u>		
	Z *	4	Violet	C		
80 70	No. On such	-				
Au 80 70 60	No Connection	5		E		
5 70 /	No Connection Vcc (+ VDC) B	5 6 7	Red Yellow	E D		

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-40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 * Index (Z) optional. See Ordering Information

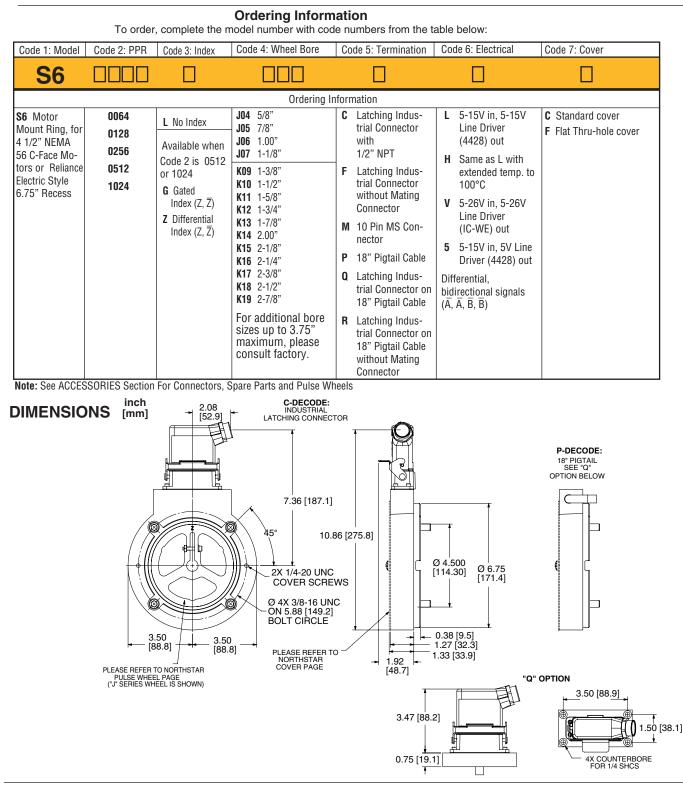
Ā Z*

Shield

HEAVY DUTY



SERIES RL67



Worldwide Brands: NorthStar™ • Dynapar™ • Hengstler™ • Harowe™



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European Sales Representitive

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