

OUTLINE DRAWING

MORE M4 ADVANTAGES

- | Available C-Face tether kits (4.5" to 16")
- | Available threaded rod torque arm
- | Optional OSHA finger guard
- | Highly resistant to electrical and magnetic motor and brake noise
- | Optional second output can be alternate PPR
- | Available shaft grounding kit
- | Replaces Lakeshore/Northstar HS56, HS85
- | 1 Year No-Hassle Warranty

M4 SPECIFICATIONS

Operating Power:

5-24 VDC, 5-18V, 12-24V; Current 120mA, no load

Output Format: A,A-, B,B-; Optional Marker Z,Z-

Frequency Range: 0 to 100 KHz

PPR: 240-1200

Speed:

5000 RPM Max. Std., shafts 1 1/2" to 1 5/8" [38mm-41mm]

3600 RPM Max. Std., shafts 2" to 2 3/8" [48mm-60mm]

(for higher speeds, consult factory)

Temperature: -40°* to 85°C (*-20° standard)

Chemical: Polyurethane enamel paint protects against salt spray, mild acids, and bases

Weight: 7 lbs.

All dimensions are in inches [millimeters].

Specifications and features are subject to change without notice.

Check out our website for more detailed specifications, drawings, and installation instructions. www.avtronencoders.com

SELECTION GUIDE

Model	Bore Size	Mounting Style	Line Driver	Left & Right Output Range	Base PPR	Marker	Connector Options	Special Features
M4	8- 1 1/2" 9- 1 5/8" 6- 2" J- 2 1/8" 7- 2 3/8" G- 48mm D- 52mm E- 58mm H- 60mm	S- End-of-Shaft G- End-of-Shaft with Grounding T- Thru-Shaft	1- 5-24V 4- 5-24V in, 5V out 8- 5-24V in, 5-24V out hi power	X- none L- Low Range (Base PPR x 1/2) M- Medium Range (Base PPR x 1) H- High Range (Base PPR x 2)	48-480 51-512 60-600	Z- Marker - none		000- none 003- Torque arm (B27239) 005- -40° C rated 038- Fan cover tether (see instruction manual for full list.)

Connector						
10 Pin Connector			5 Pin MS Connector		Conduit Box	3 ft. Flex. Cable
MS		MS mini	EPIC		N- with color coded leads T- with Terminal Block	W- Sealed, Pigtail X- Sealed, Industrial Connector without Plug Z- Sealed, Industrial Connector with Plug
A- without Plug ^a B- with Flex. Conduit Adapter ^a C- with Plug ^a	K-with Flex. Conduit Adapter ^b L- with Plug ^b M- without Plug ^b	R- Baldor Twist Lock without Plug S- Baldor on 3 ft. Pigtail	P- with Plug V- without Plug	M737A replacement E- without Plug ^a F- with Plug ^a M727A replacement H- without Plug ^a J- with Plug ^a		

^a side exit
^b bottom exit



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