



### FEATURES:

- Line driver
- 3 channels: A, B, index
- Available with up to 1000 cycles / revolution, 4000 pulses / revolution with 4x quadrature
- Available with mounting hole for 5 different shaft sizes in both inch and metric
- No power required for either motor or encoder during assembly
- All components are factory aligned for quick installation without any test equipment
- Can be mounted on either 1.812 (46 mm) or 1.280 (32.5 mm) diameter bolt circle

### CATALOG NUMBER DESIGNATION:

H 3 2 R 8 5 - L

<b>Shaft Dia.</b>	<b>Resolution</b>
<b>01</b> 5mm (.1969)	<b>01</b> 50
<b>02</b> 1/4+ (.2501)	<b>02</b> 100
<b>03</b> 1/4 (.2498)	<b>03</b> 200
<b>04</b> 3/8+ (.3751)	<b>04</b> 250
<b>05</b> 3/8 (.3748)	<b>05</b> 500
	<b>06</b> 1000

+ indicates slightly larger bore  
(ideal for stepper motor use).

SPECIFICATIONS	
<b>Supply Current</b>	135 mA (max.)
<b>Supply Voltage</b>	5V DC ± 5%
<b>Maximum Frequency</b>	100 kHz
<b>Wire</b>	26 AWG 18" wires
<b>Moment of Inertia</b>	$2.8 \times 10^{-5}$ oz. in. sec. <sup>2</sup>
<b>Minimum Shaft Length</b>	.63"
<b>Operating Temperature Range</b>	+14°F to +185° F (-10°C to +85°C)
<b>Weight</b>	2.0 oz. (max.)