

## Danaher - Dynapar Encoders

# HR52501000640



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The **HR52501000640** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

<b>Differential Line Driver Output:</b>	±100 mA sink/source 5-26 VDC at 80 mA max	<b>Frequency Response:</b>	100 kHz min	<b>Frequency Response (Extended Temp):</b>	75 kHz min
<b>Input Power:</b>		<b>Maximum Shaft Speed:</b>	10,000 RPM	<b>Open Collector Output:</b>	40 mA max
<b>Operating Temperature (Extended):</b>	0 to +85 °C	<b>Operating Temperature (Standard):</b>	0 to +70 °C	<b>Phase Sense:</b>	A leads B for clockwise rotation (shaft view)
<b>Push-Pull Output:</b>	±40 mA sink/source 80 lbs at 0.25"	<b>Quadrature Phasing:</b>	90° ±22.5° electrical	<b>Resolution:</b>	1SPR1024 PPR
<b>Shaft Loading (Axial):</b>	from face Two-channel quadrature AB, optional Z index, complementary	<b>Shaft Loading (Radial):</b>	80 lbs at 0.25" from face	<b>Shaft Size:</b>	1/4" or 3/8" diameter
<b>Signal Format:</b>		<b>Symmetry:</b>	180° ±18° electrical	<b>Waveform:</b>	Squarewave, rise/fall <1 µs into 1000 pF load
<b>Weight:</b>	1.5 lbs	<b>Last Verified:</b>	07/17/2025 9:03 PM		

## Contact Us

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## Shipping Options



## Payment Methods



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