

## Danaher - Dynapar Encoders

# HA52525400000



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The **HA52525400000** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

<b>Electrical protection:</b>	Reverse polarity and short-circuit protection	<b>Enclosure rating:</b>	NEMA12 / IP54 (HA525 variant)	<b>Frequency response:</b>	?100 kHz (index ? 75 kHz for ext. temp)
<b>Input power:</b>	5-26 VDC, ?80 mA (excluding output loads)	<b>Max shaft speed:</b>	5,000 RPM	<b>Moment of inertia:</b>	3.0×10?? oz·in·sec <sup>2</sup>
<b>Operating temp (extended):</b>	0°C to +85°C	<b>Operating temp (standard):</b>	0°C to +70°C	<b>Output: differential line driver:</b>	?40 mA
<b>Output: open collector:</b>	?40 mA sink	<b>Output: push-pull:</b>	?40 mA	<b>Phase sense:</b>	Channel A leads B in CW & CCW rotation
<b>Quadrature phasing:</b>	90° ±22.5° electrical	<b>Resolution:</b>	1 to 2540 PPR	<b>Shaft load (axial):</b>	40 lb @ 0.25" from face
<b>Shaft load (radial):</b>	35 lb @ 0.25" from face	<b>Shaft size:</b>	1/4" and 3/8"	<b>Signal format:</b>	Quadrature A & B with index Z and complementary outputs
<b>Last Verified:</b>	07/17/2025 10:59 PM				

## Contact Us

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## Shipping Options



## Payment Methods

