

## Danaher - Dynapar Encoders

# H2101200225AH



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The **H2101200225AH** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

<b>Axial Shaft Load:</b>	24 lbs	<b>Encoder Series:</b>	HA725 Dynapar Shafted Encoder	<b>Encoder Type:</b>	Incremental, Optical
<b>Frequency Response:</b>	Push-pull ?200 kHz; Line driver ? 300 kHz	<b>Input Power (Line driver):</b>	5 VDC $\pm 10\%$ @ up to 40 mA	<b>Input Power (Push-pull):</b>	10 VDC $\pm 30\%$ @ up to 60 mA
<b>Max Shaft Speed:</b>	10,000 RPM	<b>Opposite-channel Accuracy:</b>	$\pm 40^\circ$ /PPR ( $\pm 14$ arc-sec @10,000 PPR)	<b>Output Current (Line driver):</b>	$\pm 20$ mA
<b>Output Current (Push-pull):</b>	$\pm 30$ mA	<b>Output Format:</b>	AB quadrature + optional Z, complementary outputs	<b>Phase Sense:</b>	Channel A leads B for CCW rotation (shaft end view)
<b>Quadrature Phasing:</b>	$90^\circ \pm 25^\circ$ electrical	<b>Radial Shaft Load:</b>	35 lbs	<b>Resolution:</b>	8,192 $\pm 3\%$ 10,000 PPR
<b>Same-channel Accuracy:</b>	$\pm 10.8^\circ$ /PPR ( $\pm 3.9$ arc-sec @10,000 PPR)	<b>Shaft Size:</b>	3/8 in	<b>Last Verified:</b>	07/18/2025 7:23 AM

## Contact Us

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## Shipping Options



## Payment Methods



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