

## Danaher - Dynapar Encoders

# HSD351024KA4



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The **HSD351024KA4** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

<b>Axial Shaft Load:</b>	24 lbs	<b>Connector Termination:</b>	MS3106A series connectors: 7-pin or 10-pin	<b>Encoder Type:</b>	Incremental optical
<b>Frequency Response:</b>	?200 kHz (push-pull); ?300 kHz (line driver)	<b>Housing Material:</b>	Aluminum	<b>Ingress Protection:</b>	IP66 (NEMA4)
<b>Max Shaft Speed:</b>	10,000 RPM	<b>Model:</b>	Dynapar HA725 HSD351024KA4	<b>Operating Temperature:</b>	0°C to +70°C
<b>Output Format:</b>	Quadrature A/B + Z; <1µs rise/fall into 1000 pF Reverse polarity & short-circuit protection;	<b>Power Input (Line driver):</b>	5 VDC ±10%, ?40 mA, short-circuit protected output	<b>Power Input (Push-pull):</b>	10-30 VDC, ?60 mA, short-circuit protected output
<b>Protection Features:</b>	EN61326-1	<b>Radial Shaft Load:</b>	35 lbs	<b>Resolution:</b>	Up to 10,000 PPR (8192, 9000, 10000)
<b>Shaft Diameter:</b>	3/8"	<b>Shaft Material:</b>	Stainless steel	<b>Storage Temperature:</b>	-25°C to +90°C
<b>Weight:</b>	?1.5 lbs	<b>Last Verified:</b>	07/17/2025 5:42 AM		

## Contact Us

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## Shipping Options



## Payment Methods

