

## Danaher - Dynapar Encoders

### AI2512121C02B



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The **AI2512121C02B** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

<b>Absolute Accuracy:</b>	±0.01 mechanical (36 arc-sec.)	<b>Continuous Shaft Speed:</b>	10,000 RPM	<b>Enclosure Rating:</b>	IP64 or IP67
<b>Hubshaft Diameter:</b>	10 mm	<b>Input Power:</b>	10 <sup>SPR</sup> 30 VDC	<b>Interface:</b>	Profibus-DP, Encoder Profile
<b>Material:</b>	Housing: Aluminum; Shaft: Stainless Steel; Disc: Glass	<b>Noise Immunity:</b>	EN 61326-1	<b>Operating Temperature:</b>	40 °C to +85 °C
<b>Peak Shaft Speed:</b>	12,000 RPM	<b>Programmable Functions:</b>	Resolution; Preset; Direction	<b>Repeatability:</b>	±0.002 mechanical (7.2 arc-sec.)
<b>Resolution (Multi-turn):</b>	12 Bit	<b>Resolution (Single-turn):</b>	10 <sup>SPR</sup> 14 Bit	<b>Shaft Diameter (Clamping Mount):</b>	10 mm
<b>Shaft Diameter (Servo Mount):</b>	6 mm	<b>Shaft Diameter (Square Flange Mount):</b>	3/8 <sup>ECN</sup>	<b>Shock &amp; Vibration Resistance:</b>	1,000 m/s <sup>2</sup> (6 ms shock); 100 m/s <sup>2</sup> (10 <sup>SPR</sup> 2000 Hz vibration)
<b>Last Verified:</b>	09/06/2025 6:06 PM				

## Contact Us

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## Shipping Options



## Payment Methods

