

## Danaher - Dynapar Encoders

### AI2507201C100



 **Request a Quote**

- ☒ Get a Quote in 5 minutes
- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer



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One Year  
Warranty

The **AI2507201C100** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

<b>Absolute Accuracy:</b>	±0.01° mechanical (36 arc-sec.) Automatically set baud rate from 9.6 Kbaud up to 12 MBaud	<b>Enclosure Rating:</b>	IP64 or IP67	<b>Encoder Technology:</b>	Absolute, Optical
<b>Frequency Response:</b>	220 mA for single-turn, 250 mA for multi-turn	<b>Input Power:</b>	10-30 VDC	<b>Interface:</b>	Profibus-DP (Encoder Profile)
<b>Intrinsic Current Consumption:</b>	±0.002° mechanical (7.2 arc-sec.)	<b>Maximum Shaft Speed:</b>	10,000 RPM continuous; 12,000 RPM peak	<b>Operating Temperature Range:</b>	-40°C to +85°C
<b>Repeatability:</b>	~350 g for single-turn, ~400 g for multi-turn models	<b>Resolution (multi-turn):</b>	12 Bit	<b>Resolution (single-turn):</b>	10-14 Bit
<b>Weight:</b>		<b>Last Verified:</b>	07/17/2025 1:35 AM		

## Contact Us

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## Shipping Options



## Payment Methods



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.