

Danaher - Dynapar Encoders

AI2500142162E



 **In Stock, Shipping Varies**

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- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer



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The **AI2500142162E** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Absolute Accuracy:	±0.01° mechanical (36 arc-sec)	Current Consumption (multi-turn):	250 mA	Current Consumption (standard-turn):	220 mA
Encoder Type:	Absolute, optical	Frequency Response:	Auto-set 9.6 kBaud to 12 MBaud	Input Power:	10 ^{SPR} 30 VDC
Interface:	Profibus?DP; Encoder Profile 10,000 RPM cont.; 12,000 RPM peak	Max Shaft Load (10 mm):	9 lb axial; 13 lb radial	Max Shaft Load (6 mm):	13 lb axial; 24 lb radial
Max Shaft Speed:	10,000 RPM cont.; 12,000 RPM peak	Operating Temperature:	40°C to +85°C	Repeatability:	±0.002° mechanical (7.2 arc-sec)
Resolution (multi- turn):	12 bit	Resolution (single- turn):	10 ^{SPR} 14 bit	Shaft Diameter Options:	6 mm, 10 mm, 3/8"
Starting Torque:	<1.4 in?oz	Last Verified:	07/16/2025 3:10 PM		

Contact Us

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Shipping Options



Payment Methods

