

Danaher - Dynapar Encoders

AI2500102B62E



 [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



Secure Online
Checkout



Free Ground
Shipping



One Year
Warranty

The **AI2500102B62E** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Absolute Accuracy:	±0.01° mechanical (36 arc?sec)	Continuous Shaft Speed:	10,000 RPM	Current Consumption (Multi?Turn):	250 mA
Current Consumption (Single?Turn):	220 mA	Dimensions (H×W×D):	0.4×2.28×2.28 in	Enclosure Rating:	IP64 or IP67
Input Power:	10-30 VDC	Interface:	Profibus?DP (Encoder Profile)	Onboard Diagnostics:	Yes
Operating Temperature:	-40°C to +85°C	Peak Shaft Speed:	12,000 RPM	Programmable Preset & Direction Functions:	Yes
Repeatability:	±0.002° mechanical (7.2 arc?sec)	Resolution (Multi? Turn):	12 bit	Resolution (Single? Turn):	10?14 bit
Shock Rating:	1000 m/s ² , 6 ms	Storage Temperature:	-40°C to +100°C	Weight (Multi?Turn):	~400 g
Weight (Single?Turn):	~350 g	Last Verified:	07/16/2025 4:42 PM		

Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA

 Toll Free: [1-888-551-3082](tel:1-888-551-3082)

 International: [1-919-443-0207](tel:1-919-443-0207)

 Fax: [1-919-867-6204](tel:1-919-867-6204)

 Email: sales@automation-factory.com

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.