

Danaher - Dynapar Encoders

AI2512131292G



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One Year
Warranty

The **AI2512131292G** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Absolute Accuracy:	±0.01° mechanical (36 arc?sec)	Baud Rate (auto):	9.6 kBaud ^{SPR12} MBaud	Enclosure Rating:	IP64, IP67
Housing Material:	Aluminum	Input Power:	10 ^{SPR30} VDC	Interface:	Profibus?DP (binary encoder profile)
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 continuous, 12,000 RPM peak
Multi?turn Current Consumption:	250 mA	Operating Temperature:	-40 °C to +85 °C	Repeatability:	±0.002° mechanical (7.2 arc?sec)
Resolution (multi? turn):	12 bit	Resolution (single? turn):	10 ^{SPR14} bit	Single?turn Current Consumption:	220 mA
Starting Torque:	< 1.4 in?oz	Warranty:	1 year	Last Verified:	07/16/2025 11:42 PM

Contact Us

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Shipping Options



Payment Methods



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