



Danaher - Dynapar Encoders

AI2500101C92F



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- ✓ Up to half the cost of the manufacturer



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The **AI2500101C92F** 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 (single?turn):	220 mA
Enclosure rating:	IP64 or IP67	Frequency response:	9.6 Kbaud to 12 Mbaud	Input power:	10 ^{SPR} 30 VDC
Interface:	Profibus?DP (Encoder Profile)	Max shaft speed (continuous):	10,000 RPM	Max shaft speed (peak):	12,000 RPM
Model:	AI25 Absolute Encoder, Profibus version	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	Starting torque:	<1.4 in?oz
Storage temperature:	40°C to +100°C	Weight (multi?turn):	400 g	Weight (single?turn):	350 g
Last Verified:	07/17/2025 5:30 AM				

Contact Us

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Shipping Options



Payment Methods

