



Danaher - Dynapar Encoders

AI2512120092F



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The **AI2512120092F** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Absolute accuracy:	±0.01° mechanical (36 arc?sec)	Enclosure rating:	IP64, IP67 optional	Encoder type:	Absolute, optical
Input voltage:	10-30 VDC	Interface:	Profibus-DP, DeviceNet; onboard diagnostics	Intrinsic current:	220 mA (ST), 250 mA (MT)
Materials:	Housing: Aluminum; Shaft: Stainless Steel; Disc: Glass	Max shaft speed:	10,000 RPM cont, 12,000 RPM peak	Multi-turn resolution:	12 bit
Operating temperature:	40°C to +85°C	Repeatability:	±0.002° mechanical (7.2 arc?sec)	Shaft diameter:	6 mm (servo), 10 mm (clamp), 3/8" (flange)
Shaft load (10 mm):	9 lb axial, 13 lb radial	Shaft load (6 mm):	13 lb axial, 24 lb radial	Single-turn resolution:	10-14 bit
Storage temperature:	40°C to +100°C	Last Verified:	07/16/2025 9:30 AM		

Contact Us

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Shipping Options



Payment Methods

