



Danaher - Dynapar Encoders

F141000/6XF0107



In Stock, Ships in 3-5 Days

- ✓ Get a Quote in 5 minutes
- ✓ Parts ship in as little as 24 hours
- ✓ Up to half the cost of the manufacturer



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One Year
Warranty

The **F141000/6XF0107** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Commutation Accuracy:	±6 arc-minutes max	Enclosure:	NEMA 1/IP40 (with cover)	Frequency Response (>1000 PPR):	≥500 kHz
Frequency Response (≥1000 PPR):	≥250 kHz	Incremental Accuracy:	±2.5 arc-minutes max	Index Pulse Accuracy:	±1° mechanical, center-to-U-edge
Input Current (Incremental only):	150 mA max	Input Current (with Commutation):	175 mA max	Input Power:	5 VDC ±10%
Max Shaft Speed:	12,000 RPM	Minimum Edge Separation:	45° (A to B)	Operating Temperature:	0 to +120°C
Output (Commutation):	Open collector, 30 mA max	Output (Incremental):	26LC31 differential driver, 40 mA max	Resolution:	1000-5000 PPR; commutation: 4,6,8 poles
Shock Rating:	100 G, 6 ms	Storage Temperature:	-40 to +120°C	Termination:	16-pin shielded double-row header, 2 mm pitch
Vibration:	2.5 G, 5-2000 Hz	Last Verified:	07/16/2025 11:07 PM		

Contact Us

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Shipping Options



Payment Methods



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