

Danaher - Dynapar Encoders

FV31S00



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The **FV31S00** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Axial Shaft Load:	80 lb (at 0.25 in from face)	Frequency Response:	75 kHz (index ? 100 kHz)	Input Power:	120 VAC, 6 VA
Line Frequency:	50/60 Hz	Max Shaft Speed:	10,000 RPM	Operating Temperature:	0 to +70 °C (up to +85 °C ext.)
Output Format:	2-channel quadrature AB; complementary outputs; optional Z 90° ±22.5° electrical	Output Waveform:	Squarewave	Phase Sense:	A leads B for CW rotation (viewed from shaft end)
Quadrature Phasing:		Radial Shaft Load:	80 lb (at 0.25 in from face)	Resolution:	1 to 1024 PPR
Rise/Fall Time:	<1 µs into 1000 pF	Shaft Diameter:	0.25 or 0.375 in	Signal Symmetry:	180° ±18° electrical
Type:	Incremental optical encoder	Last Verified:	07/16/2025 10:50 PM		

Contact Us

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Shipping Options



Payment Methods

