

Danaher - Dynapar Encoders

EN441024A30



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The **EN441024A30** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Accuracy (opposite edges):	±40°/PPR; ±14 arc°sec @10k PPR	Accuracy (same edges):	±10.8°/PPR; ±3.9 arc°sec @10k PPR	Connector type:	7-pin MS3106A 16S 1S (10-pin optional)
Frequency response (line driver):	~300 kHz	Frequency response (push/pull):	~200 kHz	Housing material:	Aluminum
Input power (line driver):	5 VDC ±10%, 40 mA max	Input power (push/pull):	10-30 VDC, 60 mA max	Max shaft speed:	10,000 RPM
Output current (line driver):	±20 mA; short-circuit protected	Output current (push/pull):	±30 mA	Output format:	Quadrature AB; optional Z & complementary outputs
Output waveform:	Squarewave; rise/fall <1 µs into 1,000 pF load	Phase sense:	A leads B for CCW rotation (shaft end)	Quadrature phasing:	90° ±25° electrical
Resolution:	8,192-10,000 PPR	Shaft load:	35 lbs radial; 24 lbs axial	Last Verified:	07/16/2025 12:39 PM

Contact Us

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Shipping Options



Payment Methods

