

Danaher - Dynapar Encoders

EN421024R4210



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The **EN421024R4210** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Accuracy (opposite Channel):	±40° per PPR (±14 arc?sec at 10,000 PPR)	Accuracy (same Channel):	±10.8° per PPR (±3.9 arc?sec at 10,000 PPR)	Electrical Symmetry:	180° ± 25° electrical
Encoder Type:	Incremental, Optical	Frequency Response (Line driver):	min 300 kHz	Frequency Response (Push-pull):	min 200 kHz
Index:	180° gated to B low	Input Power (Line driver):	5 VDC ±10% @ ?40 mA	Input Power (Push-pull):	10 to 30 VDC @ ?60 mA
Maximum Shaft Speed:	10,000 RPM	Output Current (Line driver):	±20 mA	Output Current (Push-pull):	±30 mA short? circuit protected
Output Format:	AB quadrature with complementary outputs	Phase Sense:	A leads B for CCW rotation viewed from shaft end	Quadrature Phasing:	90° ± 25° electrical
Resolution:	8192 to 10000 PPR	Shaft Loading:	35 lb radial; 24 lb axial	Shaft Size:	3/8 inch
Last Verified:	07/16/2025 2:33 PM				

Contact Us

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Shipping Options



Payment Methods

