

Danaher - Dynapar Encoders

E14100001703



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The **E14100001703** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Accuracy (opposite channels):	±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)	EMC compliance:	EN61326-1
Encoder type:	Incremental optical (Dynapar HA725 series)	Frequency response (line driver):	≥300 kHz	Frequency response (push-pull):	≥200 kHz
Input current (line driver):	≤40 mA	Input current (push-pull):	≤60 mA	Input voltage (line driver):	5 VDC ±10%
Input voltage (push-pull):	10~30 VDC	Maximum shaft speed:	10,000 RPM	Moment of inertia:	2.83×10 ⁻⁴ oz·in·s ²
Operating temperature:	0 to +70 °C (storage -25 to +90 °C)	Output format:	Quadrature AB with optional Z, complements	Phase sense:	A leads B for CCW rotation
Quadrature phasing:	90° ±25° electrical	Resolution:	8192 ^{SPR} 10,000 PPR	Shaft diameter:	3/8 in
Shaft loading:	35 lb radial, 24 lb axial	Last Verified:	07/17/2025 10:10 AM		

Contact Us

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Shipping Options



Payment Methods



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