



## Danaher - Dynapar Encoders

# E14010002702



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The **E14010002702** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

<b>Differential Line-driver Output:</b>	100 mA sink/source	<b>Enclosure Rating:</b>	NEMA12/IP54; NEMA4/IP66 optional	<b>Frequency Response:</b>	100 kHz
<b>Input Power:</b>	4.5VDC, 80 mA max	<b>Moment of Inertia:</b>	3.0x10 <sup>-6</sup> oz·in <sup>2</sup>	<b>Open-collector Output:</b>	30 VDC, 40 mA sink
<b>Operating Temp.:</b>	0 to +70 °C (std); +40 to +85 °C (ext)	<b>Phase Sense:</b>	Channel A leads B for CCW rotation	<b>Push-pull/Differential Output:</b>	40 mA sink/source
<b>Quadrature Phasing:</b>	90° ± 22.5°	<b>Resolution:</b>	12540 PPR	<b>Shaft Endplay:</b>	±0.025 in
<b>Shaft Length:</b>	0.38 to 0.50 in	<b>Shaft Runout:</b>	0.010 in	<b>Shaft Speed:</b>	10,000 RPM (? 1024 PPR); ? 5,000 RPM (>1024 PPR)
<b>Starting Torque:</b>	1 oz·in (no seal); 3 oz·in (with seal)	<b>Weight:</b>	10 oz max	<b>Last Verified:</b>	07/16/2025 9:00 PM

## Contact Us

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## Shipping Options



## Payment Methods



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