

## Danaher - Dynapar Encoders

# RT80240LF102C



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The **RT80240LF102C** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

|                                    |   |                           |  |                               |                                    |
|------------------------------------|---|---------------------------|--|-------------------------------|------------------------------------|
| <b>Axial Shaft Load:</b>           | 15 lbs  | <b>Enclosure Rating:</b>  | NEMA 12/IP54 or<br>NEMA 4/IP66 with<br>seals   | <b>Frequency Response:</b>    | 50 kHz                             |
| <b>Housing and Cover Material:</b> | Aluminum  | <b>Humidity:</b>          | Up to 98% non?<br>condensing                   | <b>Mating Connector:</b>      | 10?pin<br>MS3106A?18?1S            |
| <b>Minimum Free Path:</b>          | ?12.5% of full<br>electrical cycle<br>TC1428<br>differential line<br>driver, 40 mA<br>sink/source | <b>Moment of Inertia:</b> | Max 285 gm?cm <sup>2</sup>                     | <b>Operating Temperature:</b> | 0 to 54 °C                         |
| <b>Output Driver:</b>              | 5 <sup>SPR</sup> 15 VDC, max<br>115 mA  | <b>Output Format:</b>     | Quadrature (A/B)<br>with optional<br>index (Z) | <b>Phase Sense:</b>           | A leads B for CW<br>rotation       |
| <b>Power Requirements:</b>         | (excluding load)  | <b>Radial Shaft Load:</b> | 45 lbs   | <b>Resolution:</b>            | 1 to 2500 pulses<br>per revolution |
| <b>Shaft Diameter:</b>             | 5/8 in nominal  | <b>Shaft Speed:</b>       | Max 3600 RPM                                   | <b>Starting Torque:</b>       | Approx. 15 oz?in                   |
| <b>Last Verified:</b>              | 07/17/2025<br>3:30 AM   |                           |  |                               |                                    |

## Contact Us

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## Shipping Options



## Payment Methods



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