



## Danaher - Dynapar Encoders

### H420600



**In Stock, Ships in 3-5 Days**

- ✓ Get a Quote in 5 minutes
- ✓ Parts ship in as little as 24 hours
- ✓ Up to half the cost of the manufacturer



Secure Online  
Checkout



Free Ground  
Shipping



One Year  
Warranty

The **H420600** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

**Differential Line Driver Output:** Optional

**Frequency Response (Standard):** ?100 kHz

**Operating Temperature (Standard):** 0 to +70 °C

**Push-Pull Output:** ±40 mA sink/source  
80 lb radial/axial (?1024 PPR);  
40 lb

**Shaft Load Capacity:** (>1024 PPR)  
?80 mA (excl. loads)

**Supply Current:** Squarewave,  
rise/fall <1 ?s  
into 1000 pF

**Waveform:**

**Encoder Type:**

**Open-Collector Output:**

**Phase Sense:**

**Quadrature Phasing:**

**Shaft Size Options:**

**Supply Voltage:**

**Last Verified:**

Incremental  
optical

?40 mA sink

Channel A  
leads B for CCW  
rotation  
90°±22.5°  
electrical

10 mm, 1/4 in,  
3/8 in

5<sup>SPR</sup>26 VDC

07/18/2025  
5:02 AM

**Frequency Response (Index, Extended Temp):**

?75 kHz

**Operating Temperature (Extended):**

0 to +85 °C

**Product Series:**

H20 Dynapar  
incremental  
encoder

**Resolution Range:**

1<sup>SPR</sup>2540 PPR

**Signal Format:**

Quadrature (A, B)  
with optional Index  
(Z) and  
complements  
180°±18°  
electrical

**Symmetry:**

## Contact Us

📍 1620 Old Apex Road, Cary, NC 27513, USA

📞 Toll Free: [1-888-551-3082](tel:1-888-551-3082)

🌐 International: [1-919-443-0207](tel:1-919-443-0207)

📠 Fax: [1-919-867-6204](tel:1-919-867-6204)

✉ Email: [sales@automation-factory.com](mailto:sales@automation-factory.com)

## Shipping Options



## Payment Methods

