

## Danaher - Dynapar Encoders

### H420001



**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 **H420001** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

**Accuracy (?1024 PPR):**

±7.5 arc?min

**Accuracy (?1024 PPR):**

±2.5 arc?min

**Frequency Response:**

?100 kHz; index  
?75 kHz (ext  
temp)  
Std 0<sub>SPR</sub> 70 °C; Ext  
0<sub>SPR</sub> 85 °C;  
Storage  
SPR 40<sub>SPR</sub> 90 °C

**Input Power:**

5<sub>SPR</sub> 26 VDC,  
max 80 mA

**Max Shaft Speed:**

?  
1024 PPR 10 000 RPM;  
>1024 PPR 5 000 RPM

**Operating Temp:**

**Output Config:**

Open?Collector,  
Push?Pull,  
Differential  
(40/100 mA)

**Phase Sense:**

A leads B (CCW  
rotation)

**Quadrature Phasing:**

90° ±22.5°

**Resolution:**

1<sub>SPR</sub> 2540 PPR

**Shaft Loading:**

?1024 PPR 80 lbs;  
>1024 PPR 40 lbs  
(radial/axial)  
1.0 oz?in (no  
seal); 2.0 oz?in (with  
seal)

**Shaft Size:**

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

**Signal Format:**

AB quadrature  
with optional Z,  
complements  
07/16/2025

**Starting Torque:**

**Weight:**

?10 oz

**Last Verified:**

5:01 PM

## Contact Us

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## Shipping Options



## Payment Methods



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