

Danaher - Dynapar Encoders

H420120



 **Request a Quote**

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



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One Year
Warranty

The **H420120** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Enclosure:	NEMA12/IP54 or NEMA4/IP66	Frequency Response:	min. 100 kHz; 75 kHz ext. temp	Humidity:	up to 98% non-condensing
Indexing:	180° ±18° electrical	Input Power:	5-26 VDC, 80 mA max	Operating Temp (ext):	0 to +85°C
Operating Temp (std):	0 to +70°C	Output Options:	OC 40mA; PP 40mA; Diff 40/100mA	Phase Sense:	A leads B for CCW rotation (shaft end view)
Quadrature Phasing:	90° ±22.5° electrical	Resolution:	1 to 2540 PPR	Shaft Loading:	?1024 PPR: 80 lbs; >1024 PPR: 40 lbs
Shaft Size:	10 mm, 1/4", 3/8"	Shaft Speed:	?1024 PPR: 10,000 RPM; >1024 PPR: 5,000 RPM	Shock:	50 G, 11 ms
Signal Format:	AB quadrature; opt. Z & complementary outputs	Storage Temp:	-40 to +90°C	Symmetry:	180° ±18° electrical
Vibration:	5-2000 Hz, 20 G	Waveform:	Squarewave, rise/fall <1 µs @1000 Hz	Last Verified:	07/16/2025 4:48 AM

Contact Us

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Shipping Options



Payment Methods

