

## Danaher - Dynapar Encoders

### H220500041300PS



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The **H220500041300PS** is a part of the **Dynapar Encoders Series** by **Danaher**.

## Specifications

<b>Construction materials:</b>	Alum housing & cover; SS shaft; glass/plastic disk	<b>Enclosure rating:</b>	NEMA12/IP54 std; NEMA4/IP66 optional	<b>Encoder type:</b>	Incremental optical
<b>Frequency response:</b>	?100 kHz; index ?75 kHz at ext temp	<b>Max shaft speed:</b>	10,000 RPM (? 1024 PPR); 5,000 RPM (>1024 PPR)	<b>Mounting:</b>	Shafted
<b>Operating temp (ext):</b>	0 to +85°C	<b>Operating temp (std):</b>	0 to +70°C	<b>Output waveform:</b>	Squarewave, rise/fall <1 µs @1000 pF
<b>Phase sense:</b>	A leads B for CCW rotation	<b>Quadrature phasing:</b>	90° ±22.5° electrical	<b>Resolution:</b>	1 <sub>SPR</sub> 2540 PPR
<b>Shaft load (&gt;1024 PPR):</b>	40 lb radial & axial	<b>Shaft load (? 1024 PPR):</b>	80 lb radial & axial	<b>Shaft size:</b>	10 mm; 1/4 in; 3/8 in
<b>Shock &amp; vibration:</b>	Shock 50 G @11 ms; vibration 5 <sub>SPR</sub> 2000 Hz @20 G	<b>Signal format:</b>	AB quadrature; opt Z & complementary	<b>Storage temp:</b>	-40 to +90°C
<b>Supply current:</b>	?80 mA (no load)	<b>Supply voltage:</b>	5 <sub>SPR</sub> 26 VDC	<b>Last Verified:</b>	07/16/2025 4:17 AM

## Contact Us

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## Shipping Options



## Payment Methods

