

Danaher - Dynapar Encoders

HR52510000540PS



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The **HR52510000540PS** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Electrical output:	Differential line driver or open collector ?100 kHz (index ?75 kHz ext. temp.)	Enclosure rating:	NEMA 12 / IP54	Encoder type:	Incremental optical shaft encoder, Dynapar HR25
Frequency response:	7-pin MS3106A-16S-1S or 10-pin MS3106A-18-1S connectors	Housing and disc:	Aluminum housing and cover; Mylar disc	Input power:	5 _{SPR} 26 VDC, 80 mA max (excl. load)
Mating connector:	Channel A leads B for clockwise rotation	Mechanical loading:	80 lb shaft load (radial & axial at 0.25" from face)	Operating temperature:	0°C _{SPR} +70°C (std), 0°C _{SPR} +85°C (ext)
Phase sense:	Up to 10,000 RPM	Resolution:	1 _{SPR} 1024 PPR	Shaft size and material:	1/4" or 3/8" shafts, stainless steel
Shaft speed:	Up to 10,000 RPM	Shock rating:	50 G, 11 ms	Signal format:	Quadrature A/B, optional index Z & complementary
Storage temperature:	-40°C to +90°C	Vibration rating:	5 _{SPR} 2000 Hz at 20 G	Last Verified:	07/19/2025 2:31 AM

Contact Us

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Shipping Options



Payment Methods

