



Danaher - Dynapar Encoders

H5810000012F0



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The **H5810000012F0** is a part of the **Dynapar Encoders Series** by **Danaher**.

Specifications

Accuracy (opposite channel):	±40°/PPR (±14 arc?sec @10k PPR)	Accuracy (same channel):	±10.8°/PPR (±3.9 arc?sec @10k PPR)	Encoder Type:	Incremental Optical
Frequency Response (line driver):	?300 kHz	Frequency Response (push-pull):	?200 kHz	Input Power (line driver):	5 VDC ±10%, max 40 mA
Input Power (push-pull):	10SPR30 VDC, max 60 mA	IP Rating:	IP66	Mating Connectors:	7-pin MS3106A-16S-1S; 10-pin MS3106A-18-1S; 10-pin NEMA4
Operating Temperature:	0°C to +70°C	Output Format:	Quadrature AB with optional Z index	Phase Sense:	A leads B for CCW shaft rotation
Resolution:	8192SPR10000 PPR	Shaft Loading:	35 lb radial, 24 lb axial	Shaft Size:	3/8 in
Standard Size:	Size 25 (2.5 in)	Last Verified:	07/16/2025 9:48 PM		

Contact Us

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Shipping Options



Payment Methods



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