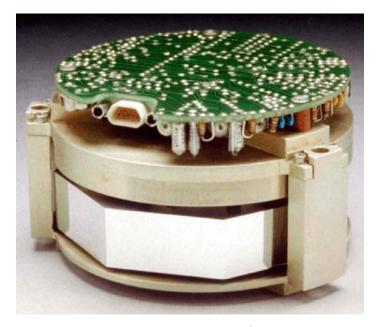


## **ENCODER DATA SHEET**



## **Features**

- Self-Contained servo package including brushless DC motor, optical encoder, multifaceted polygon mirror and electronics.
- High reliability for Military applications
- Fully qualified in Raytheon (formerly Hughes) HIRE night vision systems

## **Specification Summary**

•	Number of Facets	8
•	Max Jitter*	2.4 μsec
•	Speed	859.1 RPM
•	Input power	
	> Motor	+10 VDC
	> Logic	+5 VDC
•	Diameter	3.5 inches
•	Height	2 inches
•	Temperature Range	
	> Operating	-20°C to +50°C
	> Storage	-30°C to +70°C

Approved for general release Specifications subject to change without notice.

<sup>\*</sup> Maximum error between facet angle and reference frequency, expressed as a function of time, at speed indicated.