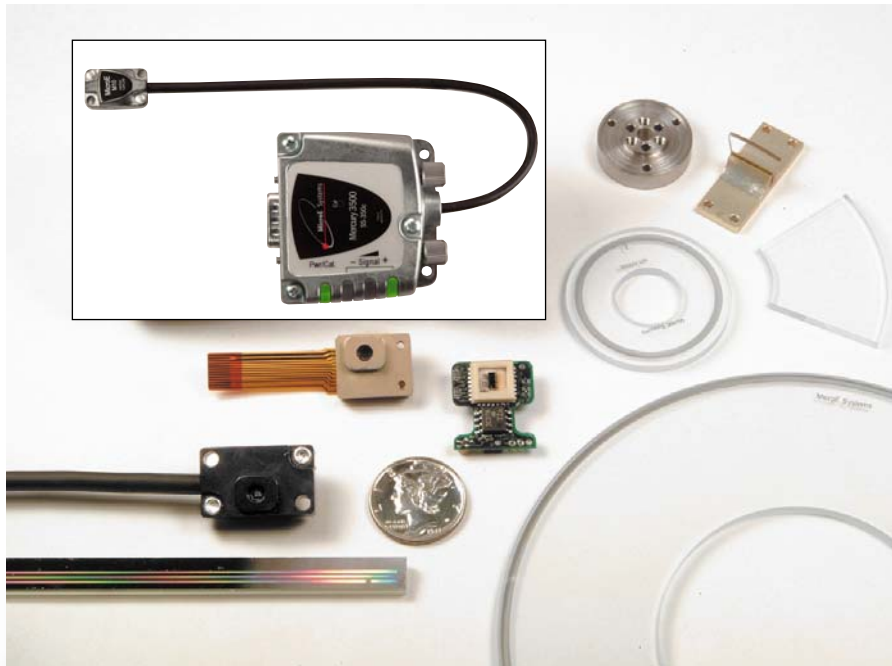


Mercury Custom Solutions High Performance Encoder Systems

Reflective Linear and Rotary Encoder Systems



Resolution

Linear: Better than 1nm
Rotary: 10,000 to 16.8 M CPR

Accuracy

Linear: Better than 1 μ m
Rotary: Up to 2 arc sec

Output

A-quad-B
High Speed Serial Word
Custom

OEM customers who require advanced encoder performance rely on MicroE Systems for complete solutions.

Meeting Your Motion Control Requirements

If your system performance requirements demand a customized encoder solution, MicroE has the products and the resources to respond quickly and effectively. Our custom solutions for the OEM extend over a broad range- from modified standard encoders, to solutions that involve applications engineering, custom signal processing electronics, custom scales, and more.

Our OEM support program, Odyssey, is the key to your success. With it, we can get you to market rapidly and sustain your growth over a product's entire life cycle. Click the "Odyssey Support" button for a detailed program description.

Rapid Prototyping Service

To facilitate your product development process, we offer a Rapid Prototyping Service to develop and build an evaluation unit. Alternatively, can select a design from our library of custom encoders that we've developed previously. Common modifications include:

- Custom cabling and terminations
- Custom mounting
- Custom signal processing electronics
- Custom scales

Beta Test Program

OEMs often partner with MicroE to gain access to the latest technology under development at our company. Through our active Beta Test program you can provide valuable product feedback to our engineers in exchange for pre-release access to our cutting edge products- products that are often lower cost or higher performance than previous generation Mercury encoder systems. Our engineering group continues to develop our core technology into exciting new products.

If you're looking for a solution outside of our current encoder products, call us to see if we have something compatible with your development timeline. Specifically:

- Micro-miniature encoder sensors for low cost, high volume, auto insertion applications with resolutions down to 1 micron
- Miniature ultra-high accuracy encoder systems with sophisticated processing electronics for high performance applications