

## Industrial Thru-Bore and Motor Mount Encoders

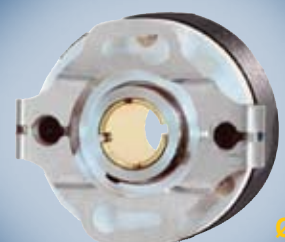
Model 225



Ø2.5"

- Single Channel and Quadrature
- Economical Tachometer/Motor Feedback
- Bore Sizes to 0.875", or 22 mm
- A Variety of Connector Options
- Available with Flexible Mounting Arm

Model 15T/H



Ø1.5"

- Resolutions to 10,000 CPR
- Up to 12 Pole Commutation Available
- Bore Sizes to 0.375", or 10 mm
- Operating Temps: -40° to +120° C

Model 121



Ø2.1"

- Patented Auto Aligning Mounting
- Resolutions to 2540 CPR
- Up to 12 Pole Commutation Available
- Bore Sizes to 0.625", or 15 mm
- Operating Temps: 0° to +100° C

Model 960



Ø2.0"

- Low Profile - 1.55" Single Turn Absolute
- Opto-ASIC Circuitry in an All Metal Housing
- Resolutions to 11 Bits
- Bore Sizes to 0.375", or 10 mm
- A Variety of Flexible Mounting Brackets

Model 925



Ø2.5"

- Industrial Housed 2.5" Single Turn Absolute
- Gray, Natural Binary, and Excess Gray Codes
- Shaft Sizes to 0.375", or 10 mm
- Flange and Servo Mounts
- Sealing Up to IP66

Model 958



Ø58 mm

- Industrial Housed European Size 58 mm
- Gray, Natural Binary, and Excess Gray Codes
- Shaft Sizes to 0.375", or 10 mm
- Clamping or Synchro Flange Options
- Sealing Up to IP66

Model 755A



Ø1.5"

- Resolutions to 30,000 CPR
- Bore Sizes to 0.750", or 14 mm
- A Variety of Flexible Mounting Brackets
- Frequencies to 1 MHz
- Operating Temps: -40° to +100° C

Model 25T



Ø2.5"

- Replaces 2.0" to 3.5" Encoders
- Resolutions to 10,000 CPR
- Bore Sizes to 1.125", or 28 mm
- A Variety of Flexible Mounting Brackets
- Operating Temps: -20° to +105° C

Model 260



Ø2.0"

- Resolutions to 10,000 CPR
- Bore Sizes to 0.625", or 15 mm
- A Variety of Flexible Mounting Brackets
- Operating Temps: -40° to +120° C
- Sealing Up to IP64



For Complete Product Information And Details Visit  
[www.encoder.com](http://www.encoder.com)  
 1-800-366-5412

## Stainless Steel Encoders

Model 802S



Ø2.0"

- 2.0" Industrial 316 Stainless Steel Housing
- 80 lb. Max. Radial and Axial Load
- Resolutions to 30,000 CPR
- Shaft Sizes to 0.375", or 10 mm
- Sealing Up to IP66

Model 858S



Ø58 mm

- 58 mm Industrial 316 Stainless Steel Housing
- 80 lb. Max. Radial and Axial Load
- Resolutions to 30,000 CPR
- Clamping or Synchro Flange Options
- Sealing Up to IP66

Model 865T



Ø6.5"

- Fits NEMA Frame Size 56C Thru 184C Motors
- Slim 1" Profile Housing in 316 Stainless Steel
- Resolutions to 4096 CPR
- Bore Sizes to 1.00", or 24 mm
- Sealing Up to IP66

## Industrial Shaft Encoders

Classic Cube Encoders



2.25"x2.25"

- The Original Cube Encoders
- Single Channel, Quadrature and Timed Pulse
- Five Versatile Heavy Duty Housing Styles
- Resolutions to 10,000 CPR
- Single and Double Shaft Options

Model 15S



Ø1.5"

- Resolutions to 10,000 CPR
- Up to 12 Pole Commutation Available
- Wide Variety of Mounting Options
- Operating Temps: -40° to +120° C
- Sealing Up to IP64

Model 725



Ø2.5"

- Industrial Isolated Flex Housing Available
- Resolutions to 30,000 CPR
- Frequencies to 1 MHz
- Operating Temps: 0° to +100° C
- Sealing Up to IP66

Model 755A



Ø1.5"

- Resolutions to 30,000 CPR
- Frequencies to 1 MHz
- A Variety of Servo and Flange Mounts
- Available with In-Line M12 Connectors
- Operating Temps: -40° to +100° C

Model 702



Ø2.0"

- 80 lb. Max. Radial and Axial Load
- Resolutions to 30,000 CPR
- Shaft Sizes to 0.375", or 10 mm
- Operating Temps: 0° to +100° C
- Sealing Up to IP66

Model 758



Ø58 mm

- 80 lb. Max. Radial and Axial Load
- Resolutions to 30,000 CPR
- Clamping or Synchro Flange Options
- Operating Temps: 0° to +100° C
- Sealing Up to IP66

Model 770



Ø6.5"

- Fits NEMA Frame Size 56C Thru 184C Motors
- Resolutions to 4096 CPR
- Bore Sizes to 1.00", or 24 mm
- Large Selection of Connector Options
- Operating Temps: 0° to +100° C

Model 755A NEMA



- NEMA 23 or 34 Motor Mount with Coupling
- Resolutions to 30,000 CPR
- Frequencies to 1 MHz
- Coupling Sizes to 0.375", or 6 mm
- Operating Temps: -40° to +100° C

Model 771



Ø9.0"

- Fits NEMA Frame Size 182TC Thru 256TC
- Standard Double C-Face
- Resolutions to 4096 CPR
- Bore Sizes to 1.875", or 43 mm
- Optional protective cover affords IP65 Seal

## Linear Encoder Solutions

Model TR1



- Integrated Encoder and Measuring Wheel
- Spring Loaded Torsion Arm Adjusts Wheel Pressure for Multiple Surfaces
- Easy Installation
- Resolutions to 10,000 CPR
- Sealing Up to IP65

Model TR2



- Integrated Encoder; Rack and Pinion Gear
- Spring Loaded Torsion Arm Installs Vertically, Horizontally, or Upside-Down
- Resolutions to 10,000 CPR
- Sealing Up to IP65

Model TR3



- Integrated Heavy Duty Encoder and Measuring Wheel
- Easily Installs Vertically, Horizontally, or Upside-Down
- Resolutions to 10,000 CPR
- Single or Dual Wheel
- Several Wheel Options and Accessories Available



775

Model 775, 776  
 Ø4.3"

- Slim Profile - to 1.36" Thru-Bores
- Resolutions to 4096 CPR
- Bore Sizes to 1.875", or 43 mm
- Large Selection of Connector Options
- Operating Temps: 0° to +100° C



776



## The Accu-Coder™ Advantage

### Company History

Encoder Products Company Inc. (EPC) is a leading designer and world-wide manufacturer of motion sensing devices. Founded in 1969 by William Watt, EPC began operations with a small line of custom encoders. Today, more than 40 years later, EPC's popular Accu-Coder™ brand is the most complete line of incremental and absolute shaft encoders in the industry. Our core philosophy is that each and every customer deserves quality products, superior customer service, and expert support.



### Business Partnerships

Fostering long term business partnerships with satisfied customers is what we do best, and the heart of our mission. We take pride in providing superior customer service and supplying you an encoder that functions precisely, dependably, and flawlessly. Listening to our customers needs, and designing products that provide solutions for them, is a key to our success. It isn't every company that can say they have satisfied their customers for over 40 years!

### Innovative Design Team

At EPC, we concentrate on encoders, making us famous for paving the path of the encoder industry and providing encoder standards for our industry since 1969. First to design the cube style encoder, now an industry standard. First to resolve mounting installation problems by providing an industry first flexible-mounting system. First to include Opto-ASIC technology, which virtually eliminates miscounts by eliminating electrical noise, and enhancing signal quality. First to provide an encoder that operates at 120° C. First to provide 6000 CPR in a 1.5" diameter encoder. First to provide a 3 year standard warranty, demonstrating that we stand proudly behind the reliability of each of our products.

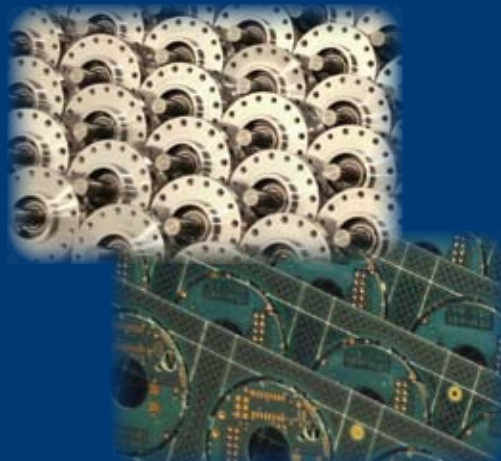
### Solving Problems

For over 40 years, we have been solving encoder problems. Custom designs, faster delivery, and reliable products are all areas in which we excel. We believe that an encoder supplier should solve problems, not cause them.



### Custom Encoders Our Specialty

Through years of experience, we understand each industrial environment is different; you need an encoder that fits your specific situation. This ultimately means not having to make due with someone else's specifications or configurations, but having your own custom designed unit. Many of our customers have come to depend on us for this special area of customization. Using state of the art technology, we can design and deliver custom encoders faster than most suppliers standard products - often shipping your unique encoder in 2 to 6 days or sooner.



### ISO 9001 Quality Systems

At EPC, quality is designed into every product. Before it's offered for sale, each Accu-Coder™ model is developed using state-of-the-art design tools and fully tested against EPC's exacting quality standards. But quality does not stop at design. During the manufacturing process, each Accu-Coder™ is subjected to a series of stringent quality control tests to ensure you are receiving the best encoder available. Our quality system has successfully been audited to the requirements of ISO 9001:2008, an internationally recognized standard for comprehensive Quality Systems. By paying close attention to detail, our Accu-Coder™ brand has become known throughout the industry for quality and reliability.

## World Wide Manufacturing Locations



### World Headquarters Americas Division

Encoder Products Company  
464276 Highway 95  
PO Box 249  
Sagle, Idaho 83860  
USA

ISO 9001:2008 Certified  
RoHS/REACH/WEEE Compliance

Phone: 800-366-5412, 208-263-8541  
Fax: 208-263-0541  
E-mail: [sales@encoder.com](mailto:sales@encoder.com)  
Website: [www.encoder.com](http://www.encoder.com)

### Europe Division

British Encoder Products Company  
Whitegate Industrial Estate, Unit 33  
Wrexham, Clwyd  
Wales LL13 8UG  
United Kingdom

Phone: +44.1978.262100  
Fax: +44.1978.262100

E-mail: [sales@encoder.co.uk](mailto:sales@encoder.co.uk)  
Website: [www.encoder.co.uk](http://www.encoder.co.uk)

### Asia Division

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Ji Da District  
Zhuhai City 519015  
People's Republic of China

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E-mail: [EPC-Asia@163.com](mailto:EPC-Asia@163.com)  
Website: [www.asiaencoder.com](http://www.asiaencoder.com)

## All Locations Provide~

### Superior Design



### Exceptional Value



### Quick Delivery



### Customer Service



### 3 Year Warranty



The Best In The Industry!

## Optical Encoder Quick Reference



[www.encoder.com](http://www.encoder.com)  
1-800-366-5412