EPC has the encoder solution for your harsh duty application

With EPC’s selection of Harsh Duty Encoders, you’ll find the right encoder for your application.

When you’re operating in harsh industrial environments, your encoder faces tough conditions:

- High levels or moisture/humidity
- Chemical washdowns
- Industrial cleaners
- Caustic chemicals or acids
- Corrosive airborne agents, such as salt

Make sure you have the right encoder spec’d for your harsh environment. The right housing, parts, and IP rating will prolong your encoder’s life, reduce downtime, and ensure you get reliable feedback every time. EPC’s selection of harsh duty encoders feature various options:

- IP66, IP67 and even IP69K sealing options
- Housings made of 316 stainless steel
- Special corrosion-resistant powder coating on aluminum housings
- Housings made from corrosion-resistant nylon composites
- Heavy-duty bearings
- Stainless steel shaft collar and mounting hardware
- Corrosion resistant glands/cables
- Mechanically isolated internal encoders
Need a solution for your harshest industrial application?

Stainless Steel Encoders If you need an encoder that’s reliable in the presence of moisture or corrosive or caustic agents, check out EPC’s 800 Series. With housings made of 316 stainless steel, bearings rated for loads up to 80 lbs axial/radial, and IP67 sealing, EPC’s stainless steel encoders will give you reliable feedback in the harshest industrial applications.

**Model 25T/H**
- Features the largest thru-bore available in a 2.5” encoder, mounting directly on shafts as large as 1.125” (28 mm). This industrial-strength encoder is perfect for fast revving motors. The injection molded housing, made from EPC’s custom blend of nylon composites, is grooved with “cooling fins” and can take the extreme heat of the motion control industry. With sealing up to IP66 available, rugged, flexible mounting options, and a corrosion-resistant option — with corrosion-resistant gland/cable and stainless steel parts and mounting hardware — the Model 25T/H can perform in demanding industrial environments.

**Model 802S**
- Industry standard Size 20 (2” diameter)
- Stainless steel package
- Flange and servo mounting
- Up to 30,000 CPR

**Model 858S**
- Industry standard Size 58 (58mm diameter)
- Stainless steel package
- Up to 30,000 CPR
- 100° C operating temperature available

**Model 865T**
- Fits NEMA Size 56C thru 184C motor faces (4.5” AK)
- Slim profile
- Incorporates Opto-ASIC technology
- Resolutions to 4096 CPR

**Model 30M**
- Industry standard Size 20 (2” diameter)
- Stainless steel package
- Flange and servo mounting
- Up to 30,000 CPR

**Model 30MT**
- Features threaded housing, for easy installation
- Up to 30,000 CPR
- 100° C operating temperature available

The Model 25T/H features the largest thru-bore available in a 2.5” encoder, mounting directly on shafts as large as 1.125” (28 mm). This industrial-strength encoder is perfect for fast revving motors. The injection molded housing, made from EPC’s custom blend of nylon composites, is grooved with “cooling fins” and can take the extreme heat of the motion control industry. With sealing up to IP66 available, rugged, flexible mounting options, and a corrosion-resistant option — with corrosion-resistant gland/cable and stainless steel parts and mounting hardware — the Model 25T/H can perform in demanding industrial environments.

**Model 30M**
- Stainless steel package
- Flange and servo mounting
- Up to 30,000 CPR

**Model 30MT**
- Features threaded housing, for easy installation
- Up to 30,000 CPR
- 100° C operating temperature available

**Stainless Steel Encoders**
- If you need an encoder that’s reliable in the presence of moisture or corrosive or caustic agents, check out EPC’s 800 Series. With housings made of 316 stainless steel, bearings rated for loads up to 80 lbs axial/radial, and IP67 sealing, EPC’s stainless steel encoders will give you reliable feedback in the harshest industrial applications.