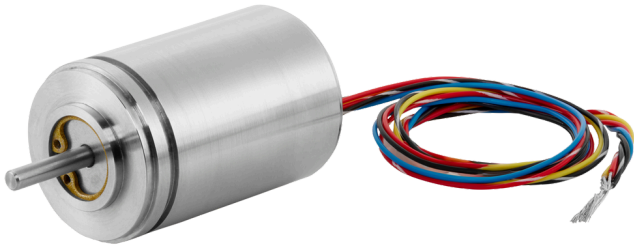


Size 8 Resolver

High-Precision Position
Sensing in an Ultra-Compact
Form Factor



- **2.5kHz**
- **TR = 1.0**
- **Excitation voltage = 5.9V**
- **Input current = 12mA**
- **Accuracy = 7 minutes**

Ideal Applications

Aerospace + Military Systems

Aircraft actuators, guided missile control surfaces, compact avionics mechanisms.

Precision Miniature Machinery

High-density automation, robotics, compact gimbals, and stabilized platforms.

Custom OEM Motion Systems

Any application requiring reliable position feedback in an ultra-small housing.

Why Size 8?

Ultra-Compact Footprint

Designed for applications where every millimeter matters. Comparable performance to our Size 11 resolver at a fraction of the size.

High-Precision Engineering

Miniaturization requires increased manufacturing accuracy, resulting in a finely built and extremely reliable position-sensing solution.

Rugged Resolver Technology

No electronics inside the sensor head. Immune to electrical noise, extreme temperatures, shock, vibration, and contaminants.

Lightweight + Space-Saving

Ideal for compact assemblies, weight-sensitive designs, and integrated system architectures.

Why AMCI Resolvers?

- Decades of resolver manufacturing expertise
- High reliability in the harshest environments
- Compatible with AMCI resolver-to-digital converters and motion control products
- U.S.-based engineering, support, and production

