



# API Delevan®

## Resolvers

**Our resolvers are built tough to handle the rigorous requirements of Aerospace and Defense applications**



**It's why we're one of the most trusted manufacturers of resolvers on the planet**

Resolvers are electro-mechanical devices used to convert mechanical motion to an electronic signal. It's a self-contained analog feedback device that can be used in a wide variety of position and velocity feedback applications - ideal for high stress and difficult operating environments.

Unlike encoders, resolvers provide an analog signal with infinite resolution. A Resolver's output signal is converted to precise digital position information and also provides accurate velocity information, eliminating the need for using additional technology. With its simple design and lack of on-board electronics, resolvers are incredibly rugged and more reliable than any other type of feedback device.

That makes API Delevan Resolvers the natural choice for harsh environments involving extreme temperatures (-200 C to over 250°C +), high shock and vibration, elevated radiation levels, and contaminants such as dirt, grease, and oil. We guarantee they will reduce failure rates and extend the life of your applications.

- missile & target acquisition systems
  - fin actuator control
- electro-optic and radar systems
  - motor commutation
- spoiler and horizontal stabilizers
  - guidance and navigation
    - cockpit controls
    - FLIR Systems
    - gun trunnions
  - throttle controls
  - electric vehicles
- jet engine fuel control systems

**ISO 9001:2015**  
**AS9100-D Certified**

Our resolver engineering team is readily available for consultation to help you develop a resolver solution that fits your requirements.

Contact a resolver representative at **1.716.652.3600**  
visit: **[www.delevan.com](http://www.delevan.com)** or email: **[Resolver@delevan.com](mailto:Resolver@delevan.com)**