

# Rotary Transducers



CDA's rotary transducers (sensors) are based on a long line of heritage military, aircraft and space flight modules. Position, velocity and acceleration sensors are available and utilize the same materials & processes as CDA's motors. This provides each sensor with the same robust temperature and harsh environment capability along with high reliability. CDA can configure sensors for each new application according to the mechanism needs, with custom housing and connector options available.



**AEROSPACE**

**DEFENSE**

**DOWNHOLE**

**SPACE**



## Technical Summary

- ⦿ Position, velocity and acceleration sensors
- ⦿ RX, RC, CX, CT, RVT, & RVDT
- ⦿ Heritage military, aircraft and space sensors
- ⦿ Stainless construction for harsh environment
- ⦿ MIL-STD Size 8, Size 11 and custom sizes available
- ⦿ 400-5,000 Hz, brushed and brushless options
- ⦿ Accuracy to  $\pm 3$  arcmin on resolvers
- ⦿ Designed for extreme shock and vibration loads
- ⦿ Pre-outgassed for space flight upon request
- ⦿ Operational temperature -269 °C to +260 °C
- ⦿ Radiation resistant
- ⦿ Integrated gearing options available

**Want more info about our Rotary Transducers?**

**Contact us at  
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