



ITT

Aerospace Controls

Narrow Body, Low Profile Rotary Actuator



The Narrow Body, Low Profile Rotary Actuator from ITT Aerospace Controls is ideal for any environment where an actuator is required with severe space and envelope restrictions.

These units feature a worm gear drive system which prevents back-driving while allowing for high torque loads. The Low Profile Rotary Actuator also uses a permanent magnet motor with an iron-less rotor. The result is high efficiency, longer life and increased reliability.

Limit switches are operated directly by the output shaft. All components are housed within an environmentally sealed aluminum or composite enclosure.

Features

- Permanent magnet motors
- Worm gear drive
- Operates from 28V DC or 115V AC 400 Hz.
- Position indication or manual override
- Environmentally sealed enclosure
- Torque ratings to 300 in./lbs
- Endurance life to 500,00 cycles
- Interface/mounting versatility
- Electrical fail-safe provisions
- Modulating option available

Typical Applications

- Fuel valves
- Hydraulic valves
- Cooling/heating valves
- Door actuation
- Dump valves
- Potable/waste water
- Utility valves

Engineered for life