PRODUCT FEATURES COMPARISON: TRITEX II TO TRITEX (DC) ACTUATORS

Exlar's new Tritex II actuators offer several features that are not available with the Tritex actuators. Following is the list of enhancements made to the Tritex II product.

- Flash upgrade of firmware over Modbus port
- AC line power, eliminating the need for a DC power supply
- ~ 3 to 4 x more power output
- Temp range -40 C to 65 C. (with de-rating)
- Field accessible terminal strip power and I-O connections (with LEDS), eliminating the need for connectorized cables (lower installation cost)
- Optional M23/16 connectors available
- Built in AC line filter
- Dynamic braking transistor with connection for external resistor
- External LED indicators, 3 of which are user programmable
- The 4 digital outputs source up to 100 mA (previously 50 mA)
- 16 moves (2 parts to each move)
- The move parts can be blended together without stopping
- Either the first part or the second part of each move can be ended by a switch input or current limit
- Moves can be chained together so one automatically starts when another is complete
- Each move position may be taught from the PC or an input function
- Binary move select inputs to reduce the number of inputs needed to address moves
- Internal control of the brake option
- Accuracy of Hall feedback system improve +/- 0.002 rev (compared to +/- 0.005 rev)
- Incremental encoder option for higher precision feedback, optionally encoder outputs can be made available for external position control
- Improved dynamic response and stiffness
- Improved slow speed operation
- Option board, allowing other features to be added
    - Isolated 4-20 mA analog input and output (16 bit input 12 bit output)
    - Pulse direction input (future)
    - Ethernet (future)
- Enhanced output shaft and anti-rotate option

Compare and Contrast

Both series of this revolutionary actuator combine the latest electronic power technology with a servo motor or linear actuator to create a new benchmark for electric actuator performance versus size. Both offer an elegant and compact sealed package.

Tritex II actuators offer several unique advantages described above. You may view full product information on all Exlar's products by visiting www.exlar.com.

Call us at 952-368-3434 and let us help you find the best solution for your application.