

Form, Fit and Function replacements for Goodrich and Humphrey RG78 Series

The 475T series of rate gyroscopes packages our 475 line with the necessary electronics to support a wide range of factory configurable options such as input rate, AC or DC input and output, scale factor and bandwidth. Optional electronics can include the main power supply and power distribution system, the spin-motor and pickoff drive systems and output signal conditioning. The packaging can be configured with different mounting patterns and connectors to be a form, fit, function replacement for existing systems.

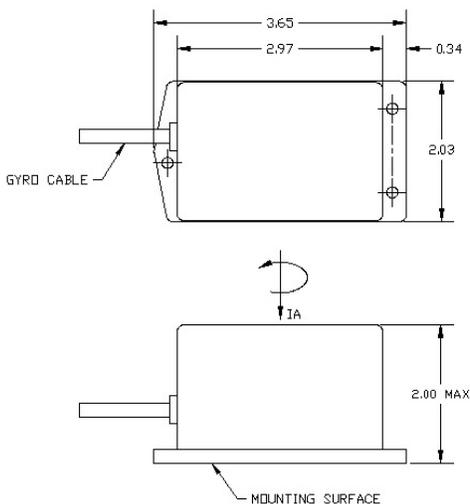


Applications:

- Guidance & Control
- Flight Control
- High Accuracy Stabilization
 - Optical Line of Sight
 - Camera
 - Seeker Head
 - Antenna & Radar
 - Gimbal & Platform
- Autopilot Control

Key Features:

- Low Noise
- High Bandwidth
- Robust Environmental Capability
- Excellent Linearity, Scale Factor & Bias Stability



Performance:	
Input Rate	From ± 40 to ± 1000 °/sec
Input Excitation	7 to 26 VAC 16 to 36 VDC
Output	AC or DC
Scale Factor	To Customer Specification
Natural Frequency	20 Hz to 140 Hz
Damping Ratio	0.4 to 1.0
Linearity	< 1% Full Scale
Hysteresis	< 0.1 °/sec
Threshold	± 0.01 °/sec
Resolution	± 0.01 °/sec
Zero Rate Output (Bias)	< 0.1 °/sec
Bandwidth (-3 db)	Up to 100 Hz
G-Sensitivity	< 0.05 °/sec/g
Environmentals:	
Operating Temperature	-54° C to +95° C
Shock	300g
Vibration (20 to 2000 Hz)	20g rms