



**Technologies**

### Model UGL

High Stability DC Response Rate Gyro

- *Long Life*
- *DC response*
- *Excellent Bias Stability*
- *All Solid-State*



### Specifications

Ranges Available, Full Scale.....	+/- 25 to 300 degrees per second
Output Voltage.....	0.5 to 4.5 volts
Zero Bias .....	2.5 volts nominal
Noise .....	Less than 0.05 degrees / sec, (0 to 50 Hz)
Bandwidth.....	DC to 50 Hz +/- 1dB, -3db nominal @ 100 Hz
Linear Acceleration Sensitivity.....	Less than 0.5 degrees / sec / g
Power .....	+ 12 to 16 volts, less than 20 mA
Warm-up Time.....	Functional immediately upon power application, 1 minute for optimum stability
Temperature Effects.....	
Zero Bias	less than 0.001 dps / deg F
Sensitivity	less than 0.01 % / deg F
Operating Temperature.....	-20 to 180 F Operational 0 to 130 F Compensated
Vibration Survival .....	5 g rms 2 to 2000Hz
Transportation Shock .....	200 g 1 ms
Volume .....	1 cubic inch
Weight.....	1 oz.

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