



Technologies

Model UGH-1
High Range Rate Gyro

- *Long Life*
- *DC response*
- *No Moving Parts, 100 % Solid-State*
- *Low Price*



Specifications

Available Ranges.....	+/- 500 & +/- 1000 degrees per second
Output Voltage.....	0.5 to 4.5 volts
Zero Bias	2.5 volts nominal
Noise	Less than 0.5 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 VDC nominal, 250 mA initial Typically 50 ma after warm-up
Warm-up Time.....	Functional immediately upon power application, 1 minute for optimum stability
Temperature Effects	
Zero Bias....	Less than 0.05 dps / deg F
Sensitivity....	Less than 0.01% / deg F
Operating Temperature.....	-20 to 150 F operational 0 to 130 F compensated
Vibration Survival	5 g rms 2 to 2000Hz
Transportation Shock	200 g 1 ms
Volume	1.5 cubic inches
Weight.....	50 grams
Mounting.....	10-32 threaded stud

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