

- *Three Axis Acceleration plus One Axis Rate Gyro*
- *Rugged...100% Solid State*
- *Self-Amplifying...High Level Output*
- *Low Cost*



## MODEL UCGA INTEGRATED AUTOMOTIVE MOTION SENSOR Specifications

Electrical	
Ranges Available	+/- 5 to +/- 50 g Acceleration +/- 200- to +/- 1000 Deg per Sec Rate
Power Required	+10 to +24 Volts vdc 30ma maximum
Output Voltage	0.5 to 4.5 VDC
Zero Output Voltage (nominal)	2.500 VDC
Crossaxis Sensitivity	Less than 2%
Output Noise	Less Than 0.5 % F.S.
Frequency Response (Typical)	DC to 20 Hz + 1/- 3 dB (-6dB / Octave Above 100 Hz) other options available
Size	1.25 " dia X 1.4" H (excluding base)

\*

Environmental	
Operating Temperature	-10 to 75 Deg C
Vibration Survival	20 G RMS,2 to 2000Hz
Shock Survival	1000G, 1ms 100G, 11ms
Humidity	95% R.H.
Housing	Epoxy Sealed Aluminum