

CFX

Technologies

- *Low Cost*
- *Rugged...100% Solid State*
- *Self-Amplifying...High Level Output*
- *Output....Angular Acceleration*



MODEL UDG-1 ANGULAR ACCELEROMETER

Specifications

Electrical	
Ranges available	+/- 5, 10, or 25 Rad / Sec Sqd
Power Required	+ 12 Volts vdc Nominal 20 ma maximum
Output Voltage	0.5 to 4.5 VDC
Zero Output Bias	2.500 +/- 0.05 VDC
Frequency Response	DC to fn* -6db min above 2 X fn
Output Noise	Typically Less Than 1 % F.S
Mounting	10-32 Threaded Stud
Size	0.875" Dia. X 1.5" H

* fn = 10Hz for a 5 rad/sec² range, 20 Hz for 10 rad/ sec² range and 50Hz for 25 rad/sec² range

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

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