

G-2165

Stored Energy Two-Axis Free Gyroscope
360°, one axis measuring.

Two-axis free gyroscope actuated by gas stored energy. Operates for at least 100 seconds. Specially designed to meet the need for high accuracy short & medium range missions. The G-2165 has potentiometers on its inner and outer gimbals. A remote electrical pulse is used to actuate a pressure squib for releasing the gas. Suitable in particular for air-to-surface, surface-to-surface, naval to ground missiles and for many other applications.

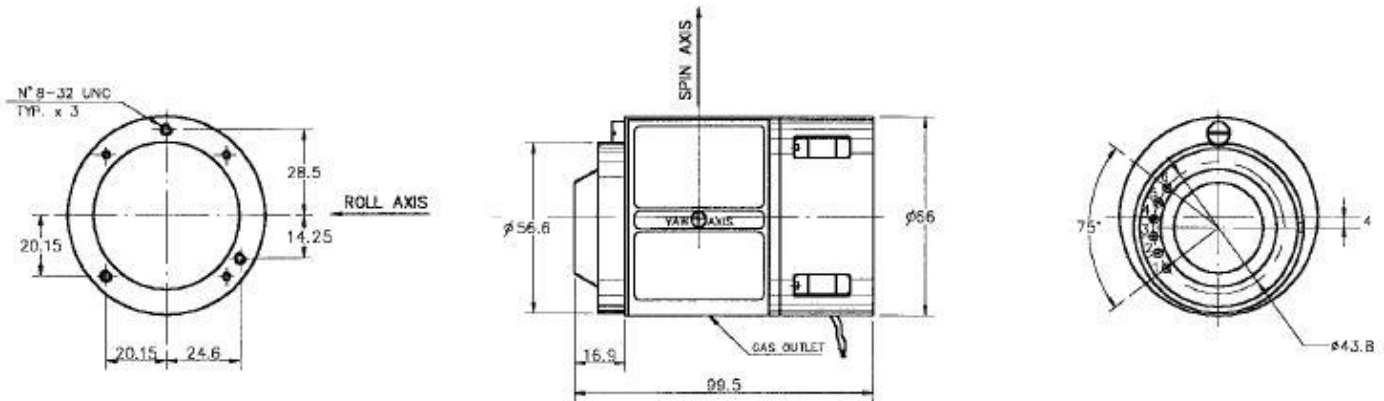


Specifications

Max Drift (Scorsby /Random vibration)		
Time	Outer	Inner
45 sec	0.5°	0.7 °
60 sec	0.7 °	1.0 °
100 sec	1.2 °	1.6 °
Conductive Potentiometer Pick off		
	Outer	Inner
Active Range	±60°	±40°
Resistance	7.2 kOhm ±5%	4.8 kOhm ±5%
Linearity	<0.5%	<0.5%
Uncaging & Ready Time		
Uncage Current	2.5 Amp. Min.	
Ready Time	<200 msec	
Environmental		
Temperature	-20° to +85°C	
Shock	40 G, 11 msec / all axes	
Random Vibration		
Non-Operating	11.0 GRMS	
Operational	1.7 GRMS	
Weight		
580 gm		

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Drawing



All dimensions are in mm

For Additional Information

To learn more about the G-2165 Stored Energy Two-Axis Free Gyroscope or other MTC products, contact MTC on **+972 4 998 7772** or email marketing@mtcind.com

Doc. # 405912 Rev. A (04/2012)

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