

G-041

One axis measuring, two-axis free gyroscope actuated by spring stored energy. Operates for at least 120 seconds. Specially designed to meet the need for short & medium range missions. The G-041 has a single potentiometer on its outer gimbal. Inner and outer gimbal have freedom of 360°. A remote electrical pulse is used to actuate a pressure squib for uncaging. Suitable in particular for air-to-surface, surface-to-surface, naval to ground missiles and for many other applications.

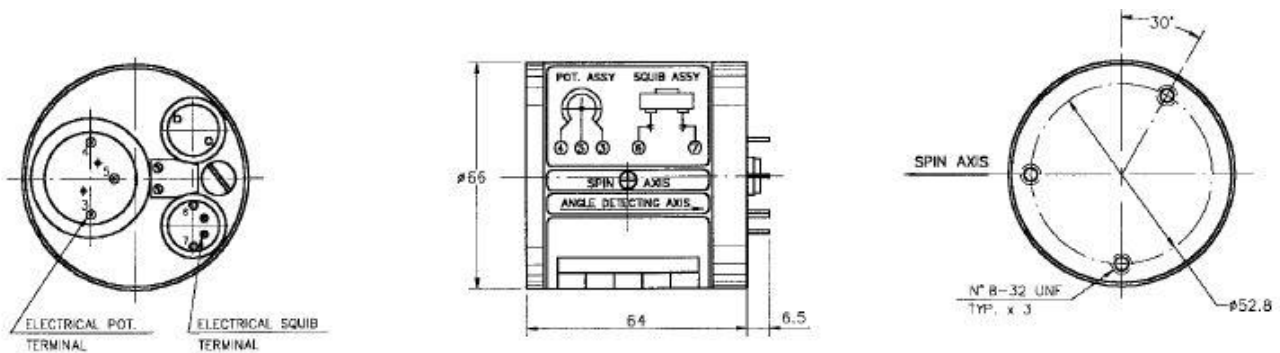


Specifications

Max Drift (Scorsby / Random Vibration)	
Time	Outer
30 sec	0.3°
60 sec	0.7°
90 sec	1.1°
120 sec	1.6°
Conductive Potentiometer Pickoff	
Active Range	±90°
Resistance	5 kOhm ±5%
Linearity	<0.5%
Uncaging & Ready Time	
Uncage Current	2.5 Amp. min.
Ready Time	<150 msec
Environmental	
Temperature	-20° to +85°C
Shock	40 G, 11 msec / all axes
Random Vibration	
Non-Operating	9 GRMS
Operational	3.1 GRMS
Weight	
540 gm	

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Drawing



All dimensions are in mm

For Additional Information

To learn more about the G-041 or other MTC products, contact MTC on **+972 4 998 7772** or email **marketing@mtcind.com**

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