

GE-3060

Two-axis free gyroscope actuated by spring stored energy, sustained by an electric motor. This gyro was specially designed to meet the need for medium and long range missions. The GE-3060 has two potentiometers measuring outer and inner gimbal. A remote electrical pulse is used to actuate a pressure squib for uncaging the spring. Suitable, in particular, for air-to-surface, surface-to-surface and naval to surface missiles, as well as air-to-surface armed UAV/Drones, air-launched glide decoys - and many other applications.



Specifications

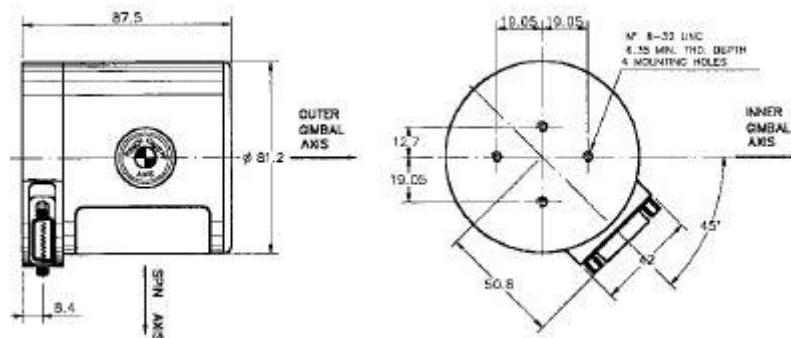
Brushless DC Motor	
Voltage	28 VDC
Continuous Current	400 mAmp. max.
Max. Drift (Scorsby / Random Vibration)	
Inner	0.75° Per min
Outer	0.75° Per min
Potentiometer Pickoff (Conductive or Wire Wound)	
Active Range	350° ±4°
Outer	170° ±2°
Inner	
Resistance	
Outer	5 kOhm ±5%
Inner	5 kOhm ±5%
Linearity	
Outer	<0.5%
Inner	<0.5%

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Specifications

Uncaging & Ready Time	
Uncage Current	2.5 Amp.min.
Ready Time	<100 msec
Environmental	
Temperature	-54°C to +85°C
Shock	50 G, 11 msec / all axes
Random Vibration	
Non-Operation	9.0 GRMS
Operational	1.7 GRMS
Weight	
800 gm	

Drawing



All dimensions are in mm

For Additional Information

To learn more about the GE-3060 Free Gyroscope

Or other MTC products,

Contact MTC on **+972 4 998 7772** or email marketing@mtcind.com