

ER-FGC-2C High Accuracy Gyro Compass

Introduction

Ericco has the R&D and manufacturing capabilities of various gyro compass. The product is stable and reliable, and is used in surface and submarine aircraft carriers, manned or unmanned aerial vehicles, weapon systems and reconnaissance platforms to provide high-precision information on azimuth, attitude, navigation and control.

Features

Little Volume

Light Weight

High Precision

Great Environment Suitability

Stable and Reliable.

Specifications

Item	ER-FGC-2C
Preparation Time (min)	5
Attitude Precision ($^{\circ}$)(1σ)	0.01
Heading Precision ($^{\circ}$)(1σ)	0.10sec φ
Resolution ($^{\circ}$)	0.0001
Heaving/swaying/Surging Precision	5cm or 5%
Heaving/swaying/Surging Delay Accuracy (s)	0.44s
Heaving/swaying/Surging Period (s)	≤ 5 s
Angel Rate Dynamic Range ($^{\circ}$ /s)	± 300
Acceleration Dynamic Range (g)	± 20

Vibration (g)	7.7 (RMS)
Impact (g)	52 (2ms)
Working Temperature (°C)	-40~+60
Interface	2×RS422, 4×RS232
Network Port	×1
Voltage (V)	18-36
Power Consumption (W)	≤15
Dimension (mm)	180×180×160
Weight (Kg)	≤6