

IXSEA 3000 Meter Subsea Gyro (FOG)

Model Number 3000 Ti, Serial No: 3464-318

Please read Gyro Manual before installation
This Information Page only for Quick Reference.

Specification

Subsea Depth Rating:	3000 Meters
Weight in water:	5 kG (11.02 lbs.)
Weight in air:	12 kG (26.46 lbs.)
Size: Base Plate diameter:	209 mm (8.228 inch)
Main Body Diameter:	173 mm (6.811 inch)
Height:	322 mm (12.677 inch)
Operating Temperature:	-40 deg C to +60 deg C

Electrical

Power Requirement:	20 - 30 VDC (24 V nominal)
Power Consumption:	12 Watts (max)

Gyro Compass Technical Performance

Settling Time (Static Conditions):	<1 minute
Settling Time at sea:	<3 minutes
Repeatability:	± 0.025 deg Secant Latitude
Resolution:	0.01 deg.
MTBF:	30000 Hours



Computer, Software, & Installation

The display software should be installed on a IBM compatible PC with Windows 98, Windows 2000 or Windows XP. Insert the OCTANS software CD-ROM, Click on Repeater Software.

**Subsea (16 Pin) Subconn Connector Pin Assignment
& RS-232 Interface (to DB9 connector) using a twisted shielded pair**

Pin 1	20 - 30 VDC (24 Volts nominal)
Pin 2	0 VDC (Ground)
Pin 3 –11	N/C
Pin 13	N/C
Pin 12 <i>short to Pin 16</i> (Shield)	Pin 5 (DB9 Connector) RS-232 Gnd
Pin 16 <i>short to pin 12</i> (“)	Pin 5 (DB9 Connector) RS-232 Gnd
Pin 14 (Wire)	Pin 3 (DB9 Connector) RS-232 RX
Pin 15 (Wire)	Pin 2 (DB9 Connector) RS-232 TX

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