

Introducing an innovative breakthrough in electromagnetic compass technology INTEGRATED HEADING SENSOR Model PG-1000

- Electromagnetic compass poviding a highly accurate and stable readout of ship's compass heading
- Maintenance free operation
- Automatic compensation for deviation and heeling error
- Auto correction of magnetic variation error with a GPS receiver input providing variation data with respect to the area
- Compact waterproof case for a simple installation
- Heading data output in NMEA 0183 and AD-10 formats



The FURUNO PG-1000 is a new, inexpensive electromagnetic compass. It provides a highly accurate and stable readout of the ship's heading thanks to the sophisticated structure by three-axis magnetometer, inclinometer and integral vibrating gyrosensor.

The PG-1000 detects terrestrial magnetism and produces compass data. The data can be utilized in serial formats such as NMEA 0183 and FURUNO AD-10. It is sent to various equipment that need accurate and stable heading data. Typical applications include Radar Echo Trail and True Motion, Video Plotters, Scanning Sonars, etc. When connected with a GPS navigator, magnetic variation correction can be made automatically. A True Heading readout is possible as modern GPS receivers output compass variation data in memory with respect to the vessels geographic areas. Because of its high accuracy, the PG-1000 can be used as a backup system for the vessel's gyro compass .

The PG-1000 also has an automatic re-calibration capability. Once compensated at the time of installation, the PG-1000 will continue to detect the magnetic deviation error and carry out automatic recalibration while it is in use.





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FURUNO ELECTRIC CO., LTD. 9-52 Ashihara-cho, Nishinomiya City, Japan Telephone: +81 (798) 65-2111 Telex: 5644-325, Telefax: +81 (798) 65-4200, 66-4622, 66-4623

The future today with FURUNO's electronics technology.



Note: This is heading sensor utilizes the earth's magnetism. Therefore steel-boat installations should be carefully done.



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 FURUNO U.S.A., INC. Camas, Washington, U.S.A. Phone: +1 360-834-9300 Telefax: +1 360-834-9400
 FURUNO DANMARK AS Hvidovre, Denmark Phone: +45 36 77 45 00 Telefax: +45 36 77 45 01
 99108B Printed in Japan

 FURUNO (UK) LIMITED Denmead, Hampshire, U.K. Phone: +44 2392-230303 Telefax: +44 2392-230101
 FURUNO NORGE A/S Alesund, Norway Phone: +47 70 102950 Telefax: +47 70 127021
 99108B Printed in Japan

 FURUNO VICKE S.A. Phone: +43 2392-230303 Telefax: +44 2392-230101
 FURUNO NORGE A/S Alesund, Norway Phone: +47 70 102950 Telefax: +47 70 127021
 FURUNO SVERIGE AB Västra Frölunda, Sweden Phone: +48 31-7098940 Telefax: +46 31-497093

 FURUNO ESPAÑA S.A. Madrdi, Spain Phone: +34 91-725-90-88 Telefax: +34 91-725-98-97
 FURUNO SUCMI OY Heisniki, Finland Phone: +358 9 3417 7570 Telefax: +358 9 3417 5716