

**SPECIFICATIONS OF INTEGRATED HEADING SENSOR  
PG-500**

**1 GENERAL**

- 1.1 Heading Accuracy      1.0°rms (horizontal)  
   1.5°rms (within 30°)
- 1.2 Display resolution      0.1°
- 1.3 Follow-up                30°/s rate-of turn
- 1.4 I/O Port                    Input: 1 port  
   Output: 2 ports (one port drives 3 outputs)
- 1.5 Interface  
    Output                    FURUNO AD-10 format  
   IEC 61162-1 (NMEA 0183 Ver2.0)  
   HDG, HDT, HDM  
    Input                      IEC 61162-1 (NMEA 0183 Ver1.5/2.0)  
   RMC, VTG
- 1.6 Data Update             AD-10 formatted: 25 ms  
   IEC 61162-1 (NMEA 0183): 100ms, 200 ms or 1 s selected

**2 POWER SOURCE**

12-24 VDC: 0.12-0.03 A

**3 ENVIRONMENTAL CONDITION**

- 3.1 Ambient Temperature    -15°C to +55°C
- 3.2 Relative Humidity        95% at 40°C
- 3.3 Waterproof                IP5 (IEC 60529), CFR-46 (USCG standard)
- 3.4 Vibration                 IEC 60945

**4 COLOR**

N3.0