

**SPECIFICATIONS OF INTEGRATED HEADING SENSOR  
PG-700**

**1 GENERAL**

- 1.1 Heading Accuracy             $\pm 1.0^\circ$  (horizontal)  
                                          $\pm 10.0^\circ$  (within  $30^\circ$ ),  $\pm 20.0^\circ$  (within  $45^\circ$ )
- 1.2 Display resolution         $0.1^\circ$
- 1.3 Follow-up                     $100^\circ/\text{s}$  rate-of turn
- 1.4 Interface
  - Port number                    CAN bus: 1 channel
  - PGN
  - Input                            059904, 060928, 065283, 126208/720, 130818
  - Output                         059392/904, 060928, 065283/284/285, 126208/464/720/996,  
                                         127250, 130816/818/822/823
- 1.5 Data Update                25 ms max. (default: 100 ms)
- 1.6 Delay                        Within 75 ms

**2 POWER SOURCE**

12 VDC: 0.1 A (LEN: 3)

**3 ENVIRONMENTAL CONDITION**

- 3.1 Ambient Temperature     $-15^\circ\text{C}$  to  $+55^\circ\text{C}$
- 3.2 Relative Humidity        95% at  $40^\circ\text{C}$
- 3.3 Waterproof                IP55 (IEC 60529), CFR-46 (USCG standard)
- 3.4 Vibration                  IEC 60945

**4 UNIT COLOR**

N3.0