

## *Fuse Protection*

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The Bosun has a **15 Amp fuse** mounted internally. This device will shut off power to the Bosun autopilot if a short-circuit occurs inside the autopilot, or between a power output (eg solenoid power output of terminal strip TERM1) and ground.

If this fuse blows repeatedly, recheck all your installation and wiring carefully. If no error is found, consult your dealer or TMQ.

### **AP9 Special Modes**

To enter special modes enter number on keypad, press and hold GOTO then press STANDBY.

To store the data press GOTO.

To exit special modes press MAIN.

To use preset value press PRESET.

Selection

- 901 Start compass calibration (CAL displayed)
- 902 Store compass calibration
- 903 Return to default compass calibration. (rES displayed)
- 904 Factory test for calibration.
- 905 Set limit switches (Analogue Volt Dis)  
PORT ARROW (for port)/ STBD ARROW (for Stbd)
  
- 906 Set commercial watch alarm (A-0 if no Watch alarm) Turn encoder to display A-1. Press GOTO, set time and press GOTO
- 907 Set input from other Sin/Cos, A00 normal mode  
A01 if in input mode. To return to TMQ Compass select AOO
- 908 Option remote:
  - r-1 Hand remote provision for 2
  - r-2 TMQ Active remote
  - r-3 Hand remote plus power steer on pin 3
  - r-4 Basic remote plus power steer on pin 3 in standby mode. (Electric steering vessel)
  - r-5 When in Power steer mode accept input from 3, Power steer mode from other inputs pin 1 and 2 selected by 4 being pulled high for 1 and low for 2 to be active. Input 4 can be pulsed with a momentary push button to select the mode.
  - r-6 When in standby the system goes to power steer mode accepting input from 3, Power steer mode from other inputs pin 1 and 2 selected by 4 being pulled high for 1 and low for 2 to be active. Input 4 can be pulsed with a momentary push button to select the mode.

When setting limit switches in vessel with only power steer, Mode 908 allows movement of the rudder using the encoder or port and starboard buttons. If remote system is r-5 or r-6 select 908 mode prior to selecting 905 limit switch mode. Use encoder to move rudder to desired position. Limits do not operate in this mode.