

Wiring

The 5-wires & shield of the compass cable must be connected to the correct terminal strip inside the Bosun labelled TERM3. The colour code is marked next to the terminal strip. Ensure good contact is made between cable conductors and terminal strip connectors. There is no restriction on cable length if extension is required. See also the diagram labelled "Wiring Detail".

Calibration

The compass unit will need to be rotated in its bracket for the correct heading to be displayed. The compass is calibrated before leaving the factory and will be accurate enough for sea trials. After initial sea trials, you **may** wish to recalibrate the **Bosun** compass, although in most cases the factory calibration will be as good as or better than calibration achieved on the vessel. See the Compass Calibration section in **autopilot operation**.

Interchanging Magnetic Sensor Unit & Compass Top Sensor

The magnetic sensor unit (fluxgate) and compass top sensor can be interchanged. However, the compass detector switches identified as component DIP1 on the PCB must be switched to correct position. (Note: Rear cover must be removed).

For magnetic sensor unit:

switch 1 and 4 to ON

switch 2 and 3 to OFF

For compass top sensor:

switch 2 and 3 to ON

switch 1 and 4 to OFF