

5.5 Drive Assembly

Remove the drive assembly from the lower case. Connect a 10V dc supply to the motor terminals and measure the running current of the drive unit with the drive running freely and not against either end stop.

<2A - Drive Healthy >2A - Drive Faulty

5.6 Fluxgate Compass Assembly

Remove the fluxgate assembly

The compass can be checked with a DVM.

Connect Meter across Pins	Resistance
1 and 2	<10 ohms
3 and 5	<5 ohms
3 and 4	<5 ohms
1 and 3	Open Circuit

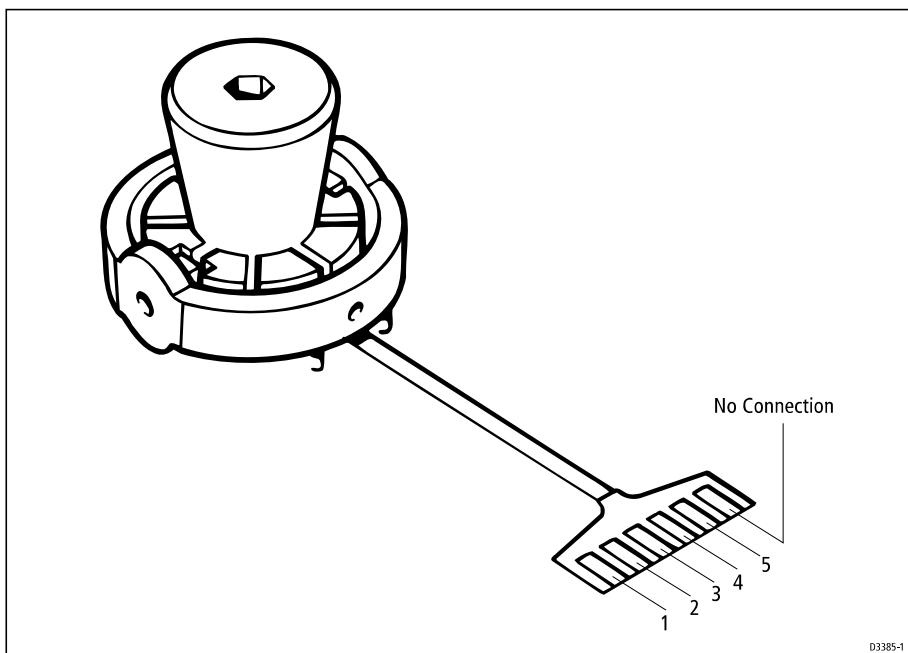


Figure 7. Fluxgate Electrical Connections