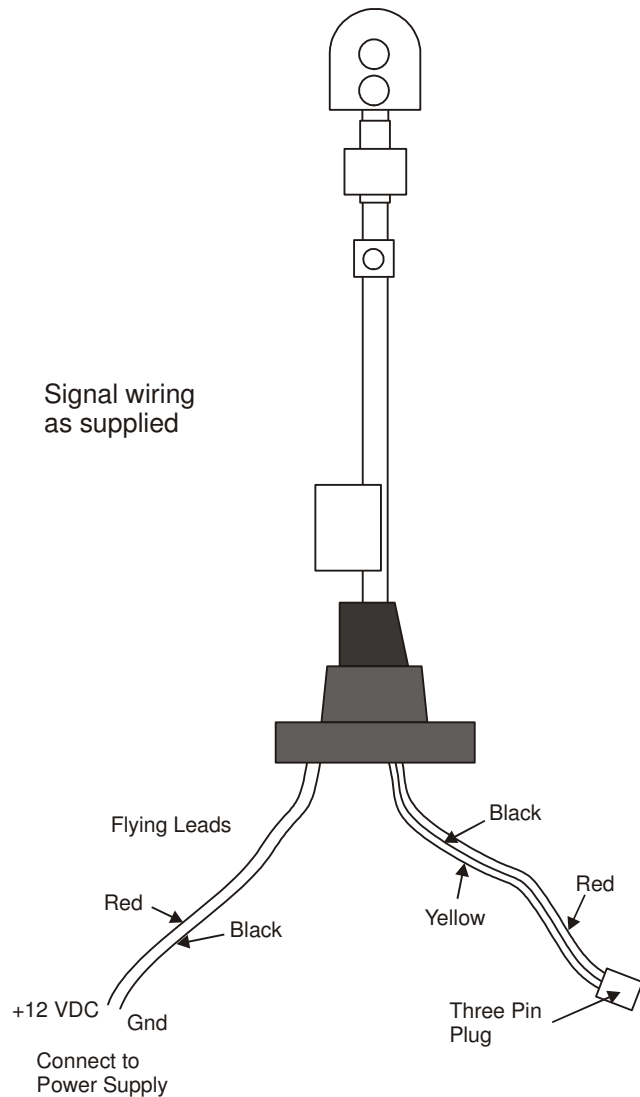


Application Note – AN11

To use a RailCon MD-002 Automatic Signal Control Module to operate an Auscision CTC signal it is necessary to rearrange the wiring of signal in accordance with the following procedure.



1. Cut off the three pin plug from the signal. This plug normally connects to the signal hut.
2. Cut off the black lead that was connected to the three pin plug, it is not required.
3. The red wire that was connected the three pin plug controls the green signal. Connect this red wire to the green terminal connection on the MD-002 with a 5.6 k resistor in series with the wire.
4. The yellow wire that was connected the three pin plug controls the red signal. Connect this yellow wire to the red terminal connection on the MD-002 with a 5.6 k resistor in series with the wire.
5. Connect the black power flying lead to the common signal terminal on the MD-002 module.
6. The red power flying lead is not used and can be cut off.
7. Set the polarity setting jumper on the MD-002 to common anode, as shown on the MD-002 data sheet.
8. Connect power to the MD-002 as shown on the MD-002 data sheet.

Note:

The wiring connected to the signal hut and the operating switch in the signal hut are not used.

CAUTION

Take care to ensure that power supply positive and negative leads are connected to the correct terminals. Incorrect power wiring may result in permanent damage to the signal and the MD-002 module.