

### Ready to Run Gauge 1



**This is a scale model for adult collectors and is unsuitable for children under 14. Contains small parts which may cause a choking hazard**

#### Contents:

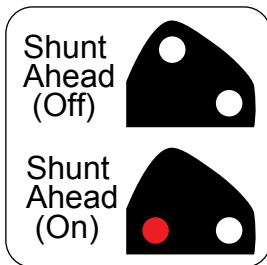
Signal and flying lead  
PCB Connector with resistors  
2 x Stainless c/sunk screws  
4 x Stainless Pan head screws  
4 x spare ferrules.

The PCB connector is supplied ready assembled with push-fit wire connectors and resistors fitted.

#### Position Light Ground Signal

**12V DC**

Ref. G1-R01



Additional pads are present on the PCB if a permanent soldered connection is preferred.

Note that the PCB Connector will need to be protected from moisture by enclosing in a waterproof IP66 Enclosure. These are readily available for a few pounds from various suppliers such as Rapid, RS, Farnell and others.

***A REGULATED 12V DC supply is required as unregulated supplies will often supply higher voltages thereby shortening the life of the LEDs***

#### INSTALLATION

Simply drill a 9mm hole through the baseboard or route the wire left or right and connect to the PCB. Screws are provided for both the Signal and the PCB.

#### External Use

This signal is manufactured from solid brass castings and is suitable for external use. The LED cluster is encapsulated and is water and frost proof.

***However, I DO NOT*** guarantee that it is proof against lightning, children, pets, wildlife, falling branches or other flying debris! So a common sense approach is required and it may be sensible to remove the signal during the winter when the layout is not being used.

Note: The PCB connector needs a separate waterproof enclosure (Not Supplied)