Operating Instructions

The Legacy LM-iD Detector is an inductive detector that can be installed easily anywhere on your layout where you need track occupancy indication or an automatic trigger for other things.

- LM-iD needs only one rail to work, but we recommend you isolate both rails of the track section using insulated joiners or by cutting the rails so that all your DCC sections are consistent. Solder or attach a dropper wire to each rail.
- Pass ONE dropper wire through the hole in the transformer once or twice before connecting it to the track bus. (Please do not twist this wire and the other dropper wire together)
- INPUT A: Attach 12V regulated DC or DCC track power to use LEDs or control an external device that needs power.

  Note please. Overly high DC or DCC track voltage above 18V may cause some warming of the LM-iD components.
- OUTPUT B (Automation): Connect switching terminals of a DCCconcepts Cobalt REX, Accessory decoder or Cobalt iP Digital turnout motor or similar items here to change them.
- OUTPUT B (Onboard or Panel LEDs): Needs power to Input A. When nothing is detected the Red onboard LED will be OFF. If a loco or similar item is detected by your LM-iD detector the red onboard LED will be ON. You can attach an external LED here and it will repeat the onboard LED action.
- OUTPUT C - 12V @ 250mA: Needs power to Input A. This works the same way as output B but allows switching of relays/other devices that need higher voltage and current.