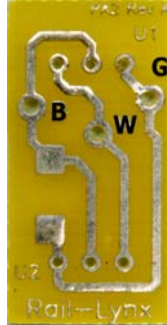




Sensor Mounting Boards



These boards were designed to be a generic aid in mounting and soldering the sensors for in cab installations. Holes for the sensors and for the black, green, and white wires are provided. This is a generic board so a fair amount of flexibility was designed in to allow it to fit most applications.

There are a couple of different ways this board can be used. I will outline some of them below, but please feel free to adapt the board to what work's best for you. If you have a thought on a different method of usage by all means go for it or give me a call and we can discuss it.

1. Traces (metal paths) mounted facing down – In this configuration the sensors should be inserted through the non-trace (smooth) side, with the domes facing outwards, and soldered on the trace side. All soldering must be done on the trace side. Feel free to bend a “dog-leg” into the sensor leads to move the sensors out as close as you can to the windows of the cab.
2. Traces facing up mounted on ceiling of cab – In this configuration you can have the board attached to the roof and the sensors hanging down. Everything is assembled the same just where the board is mounted changes.

Notes:

- a. Make sure the traces do not come into contact with any metal portion of the frame. Place a piece of electrical tape across the soldered board just to be safe.
- b. The three larger holes/soldering pads are for the attachment of the three wires (White, Black & Green) from the receiver. The pads are identified as B, W, & G. The W denotes the middle soldering pad NOT the middle hole of the two groups of three holes at each end of the board that are used to mount the sensors.
- c. Before powering up verify that the BLACK wire goes to the trace that runs to the MIDDLE lead of the sensor.

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