

CIRCUITRON OPTO-SENSORS are tiny, light-sensitive photocells for use with any **CIRCUITRON** product that utilizes Opto-Electronic detection. These OPTO-SENSORS are mounted in the roadbed so that they will be shaded from ambient room light by a passing train. They will fit between the ties in “HO” or larger scales, but it may be necessary to remove a tie or shave parts of adjoining ties away in the smaller scales. For either method, drill two small holes 1/10” apart in line with the rails. Angle the holes slightly so that the exit points are separated somewhat. Insert the wire leads in the holes and push the Sensor down to the roadbed. Connections to the OPTO-SENSOR should be made with light gauge stranded wire and a small soldering pencil. You may apply a very thin coating of ballast over the OPTO-SENSOR to hide it, but avoid heavy coatings of ballast that might obscure *ALL* the light.