



"Sentinel" Derail Alarm – 2310090A

This scene is about to cost you tens of thousands of dollars:



A derailed Projector Buggy, unnoticed by the operator, is a common cause of mounting costs in rail maintenance:

- The Projector Buggy quickly deforms and is destroyed, requiring return to shop (if possible), repair and/or replacement.
- Associated wiring, hoses, and sensors require testing and possible replacement.
- Lost Rail Gang production incurred until Projector Buggy repair/replacement is complete.
- Costs escalate throughout system as rail 'Slow Orders' are required until the rail work is complete.

What the Sentinel Does:

The Sentinel sensor is bolted into place next to the bias wheel assembly so that it sits from 4"-8" above rail head. Any deviation of over 2 seconds duration (to avoid false readings) triggers an alarm in the operator cab indicating immediate stop required. Since system initiates automatically when Buggy Lift Rack leaves Position One (Safe Carry Mode) no operator attention is required until a derail occurs. LED lights on Sensor Box will give additional indication of active operation or alarm status.



Sentinel Kit includes Remote Sensor, 24V input power system, mediating Toggle Limit Switch, and Sensor Alarm Console.. Installation kit also includes 85' sensor cable, 45' console cable and fish tape.

Sensor Alarm Console seats neatly beneath operator board in a discrete but easily visible position.