

# VPD

## VITAL PROXIMITY DETECTION



The patented Vital Proximity Detection (VPD) system is an advanced design monitor developed for proximity sensors used in railroad signal detection. The vital detection system uses monitored proximity sensors that are continually checked for shorts, line resistance, or contacts not opening or closing. Designed with the maintainer in mind, this system is easy to set up, adjust, and troubleshoot.

- Interfaces easily with existing and/or new signal relay applications
- Requires less maintenance than conventional mechanical devices
- No mechanical parts or contacts to wear out
- Enhanced adjustment and troubleshooting through remote status indication
- Proximity sensors and monitoring system operate on 12 volts DC
- True Fail-Safe protection through redundant components and crosschecks
- Allows removal of high maintenance circuit controllers
- No need for non-vital PLC's



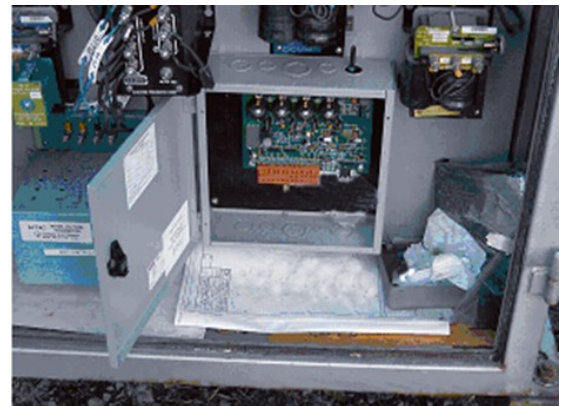
Sensor configuration for switch point detection. Both normal and reverse points are detected. Other applications include Bridge Signal and Dragging Equipment Detection



Remote status monitor provides sensor and relay information from up to 1,000 feet away



Concurrent test site installation in yard



Easily mounts anywhere and uses 12V DC power