

LED Switch Indicator

The new LED switch indicator was developed with the Engineering and Transportation departments in mind to reduce train delays. Signal maintenance can visually inspect switches to determine which switch in the route is failing. With the new LED switch indicator maintenance does not have to go out and test each switch to determine which one is failing. They are able to use the switch indicator to direct them to the specific location. This can also be a big benefit to the transportation side as well when requested to walk their route and hand throw switches. If the switch is indication Normal or Reverse the trainman can visually see this and report the position of the switches in his route. No longer having to unlock and hand throw numerous switches, these enhancements would reduce the length of trains delays, producing a more fluid timeline for train moves. The indicator is overlaid onto the indication circuitry in the switch pothead/junction box.

- No rewiring of the switch indication, FRA test when performing your switch verification tests.
- Green LED indicates Normal switch indication.
- Yellow LED indicates Reverse switch indication.
- LED housing is set next to switch pothead/junction box.

Simply select the indication circuit used in the switch machine 2 wire, 3 wire, or 4 wire and attached pre-tagged cable thru the pothead/junction box and onto the appropriate AAR terminals. Verify LED indicator follow the switch point position.



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Operating Specs

- Operating Voltage 10.8 to 13.2 VDC
- Operating Current 40mA
- Environmental -30° c to + 65 °C (-22°F to 149°F)
- Dimensions 7" x 7" x 5"
- Viewing Angle 30 - 100 °
- 100,000-hour LED life



PATCO INDUSTRIES INC.

4830 52nd Avenue Kenosha, WI 53144 (262) 658-3590
info@patcoindustries.com www.patcoindustries.com