

Installation Sheet (Wiegand Output Only) – 005-99-A **Sentinel-Prox KP-6840 Reader**



Reader Description

Last Update: Feb. 14, 2000

The Sentinel-Prox KP-6840 Reader is a radio frequency proximity reader for Access Control Systems. The Reader consists of a transmit/receive antenna, associated electronics, and a polycarbonate housing which encloses the antenna and the electronics. The inside of the polycarbonate housing is potted with a two-part epoxy to protect the electronics against the environment.

Parts List

a.) Installation sheet, P/N: 005-99-A	QTY=1
b.) Sentinel-Prox KP-6840 Reader, P/N: 005-20-A	QTY=1
c.) #6-32 x 1" Machine screw, P/N: 0616MPP	QTY=2

Installation Procedure

- 1.) Snap open the top cover by pressing you thumb on the logo and use your index finger to pull up the hollow cover.
- 2.) Connect the Reader (Item b on Parts List) and the panel together according to Figure 1.
- 3.) For best performance, use linear and regulated power supply
- 4.) Align the reader with the electric box and mount the reader to the electric box with item c on Parts List.
- 5.) Place the reader's top cover on to close up the reader.

Product Specifications

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|------------------------------------|------------------------------------|
| 1.) Read Range (Metal Compensated) | |
| • 5 VDC | Typically 5.5 inches (14.0 cm) |
| • 12 VDC | Typically 7.5 inches (19.0 cm) |
| 2.) Characteristics | |
| • Indoor and Outdoor | UL Listed |
| • Operating Temperature Range | -35° C to 65° C (-31° F to 150° F) |
| • Operating Humidity | 0 to 95% non-condensing |
| 3.) Operating Parameters | |
| • Excitation Frequency | 125kHz |
| • Wiegand Output (Standard) | 26 bits |
| • Wiegand Output (Optional) | Up to 56 bits |

Note: For installation using RS-232 output, please refer to Installation & Operation Manual, P/N: 005-98-A. This manual can be down loaded directly from our home page listed below.

NOTE: SEE OUR WEB PAGE <http://www.awid.com> FOR DETAIL INSTALLATION INSTRUCTION OR FORWARD ALL WRITTEN QUESTIONS TO service@awid.com (ALL QUESTIONS WILL BE ANSWERED WITHIN 24 HOURS) OR CALL US AT **1-800-369-5533** FROM 8 A.M. TO 8 P.M. EASTERN STANDARD TIME FOR TECHNICAL ASSISTANCE.

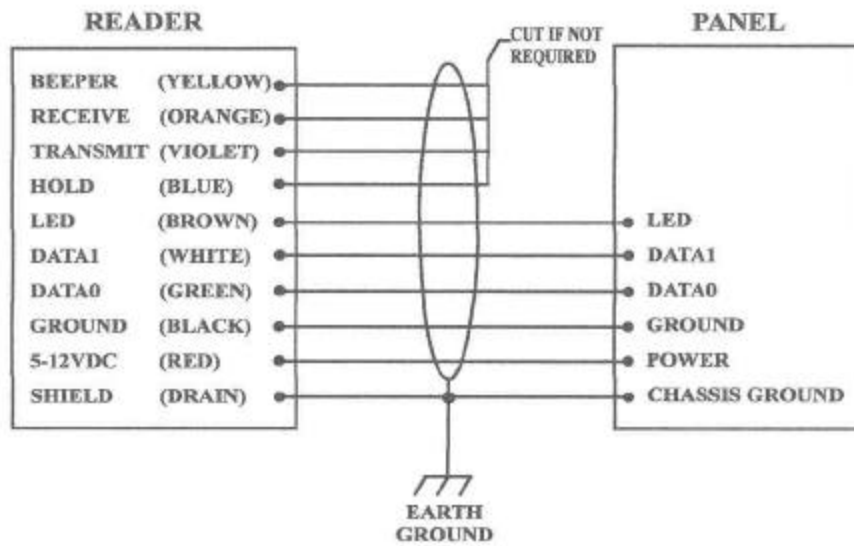


FIGURE 1: WIRING DIAGRAM