6005B

ProxPoint® Plus

Proximity Card Reader

Application

HID's new fully functional ProxPoint Plus reader combines multiple configuration options with an attractive, inconspicuous design and economical price. Its potted electronics are ideal for both indoor and outdoor applications.

Features

- Features a beeper and multicolor LED which can be host- and/or locally controlled.
- Enables various beeper and LED configurations, depending on site requirements.
- Can read HID cards with formats up to 85 bits.
- Designed for mounting directly onto metal with no change in read range performance.
- Available with either Wiegand or Clock-and-Data (magnetic stripe data) output.
- Compatible with all standard access control systems.

ProxPoint® Plus

Features

Mounting: unobtrusive design can be mounted directly onto metal such as door mullions.

Audiovisual indication: when a proximity card is presented to the reader, the red LED flashes green and the beeper sounds. The multicolor LED and beeper can also be controlled individually by the host system.

Diagnostics: on reader power-up, an internal self-test routine checks and verifies the setup configuration, determines the internal or external control of the LED and beeper, and initializes reader operation. An additional external loop-back test allows for the reader outputs and inputs to be verified without the use of additional test equipment.

Indoor/outdoor design: sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, providing reliable performance and a high degree of vandal resistance.

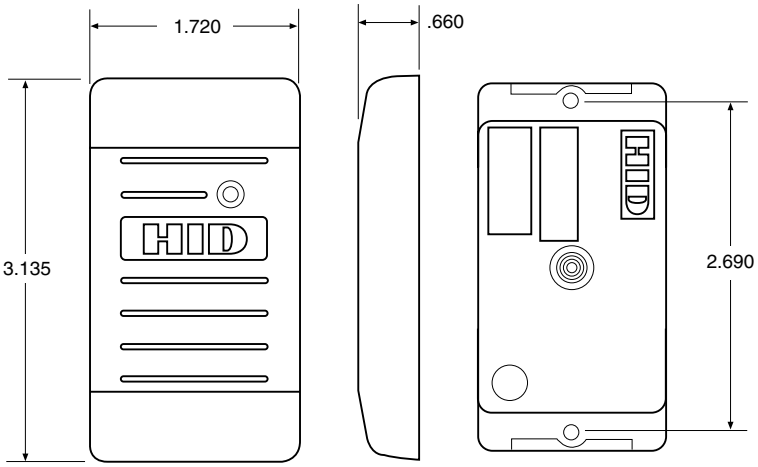
Easily interfaced: Wiegand output model interfaces with all existing Wiegand protocol access control systems. Clock-and-Data (magnetic stripe) model interfaces with most systems that accept magnetic stripe readers.

Security: Recognizes card formats up to 85 bits, with over 137 billion unique codes.

Warranty: Warranted against defects in materials and workmanship for life from date of shipment (see complete warranty policy for details).

Part numbers
Base Part No.: 6005B Wiegand Interface
Base Part No.: 6008B Clock-and-Data Interface
Description: Tri-State LED, Pigtail Connection
Options:
- CLASSIC series cover in gray, beige, black or white *(or)*
- Designer series cover in grey, wave blue, black or white
- custom label
- custom embossing in housing

(Please see "How to Order Guide" for a description of options and associated part numbers).



Specifications

Typical maximum* read range
ProxCard® II card - up to 3" (7.5 cm)
ISOProx® II card - up to 2.5" (6.25 cm)
DuoProx® II card – up to 2.5" (6.25 cm)
ProxKey™ II keyfob - up to 1.5" (3.7 cm)
ProxCard Plus™ card - up to 1.0" (2.5 cm)
Smart ISO/DuoProx™ cards – up to 2.5" (6.25 cm)
Proximity & MIFARE™ card - up to 2.5" (6.25 cm)
*Depending on local installation conditions.

Dimensions
3.135" x 1.720" x 0.660" (7.96 x 4.37 x 1.68 cm)

Material: Polycarbonate UL 94

Power Supply
5-16 VDC
Linear power supplies are recommended.

Maximum Current Requirements
Current (DC)
Average 30 mA, Peak 75 mA

Operating Temperature
-22° to 150° F (-30° to 65° C)

Operating Humidity
0-95% relative humidity noncondensing

Transmit Frequency: 125 kHz

Weight: 2.7 oz. (75 gm)

Certifications
Canada/UL 294 Listed
FCC Certification, United States
Canada Certification
EU and CB Scheme Electrical Safety (EN60950 and IEC60950 ITE Electrical Safety)
Fifteen EU Countries under the R&TTE Directive (EN 300 330 - SRD, and ETS 300 683 - EMC)
CE Mark
Australia C-Tick
New Zealand

Cable Distance
Wiegand or Clock-and-Data interface:
500 feet (150 m)
Recommended cable is ALPHA 1295 (22 AWG) 5 conductor stranded with overall shield or equivalent.

LIT6005BDS 11/01, supersedes 3/01

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