

# ProxPoint® Plus Reader

125 kHz Proximity

Value Priced Proximity Card Reader • 6005



**ACCESS** reliability.

## Application

HID's ProxPoint® Plus reader combines multiple configuration options with an attractive, inconspicuous design and economical price. Its secure 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 individual 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.
- ▶ Aesthetic design available in two cover designs and in four colors to match any decor.
- ▶ Includes multilingual installation manual.

## Features

|                               |                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Mounting</b>               | Unobtrusive design can be mounted directly onto metal such as door mullions.                                                                                                                                                                                                                                                                    |
| <b>Audiovisual Indication</b> | 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.                                                                                                                                |
| <b>Diagnostics</b>            | 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. |
| <b>Indoor/outdoor Design</b>  | Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, providing reliable performance and a high degree of vandal resistance.                                                                                                                                                                        |
| <b>Easily Interfaced</b>      | 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.                                                                                                                                             |
| <b>Security</b>               | Recognizes card formats up to 85 bits, with over 137 billion unique codes.                                                                                                                                                                                                                                                                      |
| <b>Warranty</b>               | Lifetime warranty against defects in materials and workmanship (see complete sales policy for details).                                                                                                                                                                                                                                         |
| <b>Part Numbers</b>           | Base Part No.: 6005B Wiegand Interface<br>Base Part No.: 6008B Clock-and-Data Interface                                                                                                                                                                                                                                                         |
| <b>Description</b>            | Tri-State LED, Pigtail Connection                                                                                                                                                                                                                                                                                                               |
| <b>Options</b>                | <ul style="list-style-type: none"><li>• CLASSIC series cover in gray, beige, black or white (or)</li><li>• Designer series cover in grey, wave blue, black or white</li><li>• custom label</li><li>• custom embossing in housing</li></ul> <p>(Please see "How to Order Guide" for a description of options and associated part numbers).</p>   |

## Specifications

### Typical Maximum\* Read Range

ProxCard® II card - up to 3" (7.6 cm)  
ISOProx® II card - up to 2.5" (6.35 cm)  
DuoProx® II card - up to 2.5" (6.35 cm)  
Smart ISOProx®/DuoProx® II cards - up to 2.5" (6.35 cm)  
Proximity & MIFARE® card - up to 2.5" (6.35 cm)  
ProxCard® Plus card - up to 1.0" (2.5 cm)  
ProxKey® II keyfob - up to 1.5" (3.8 cm)  
MicroProx® Tag - up to 2" (5.1 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

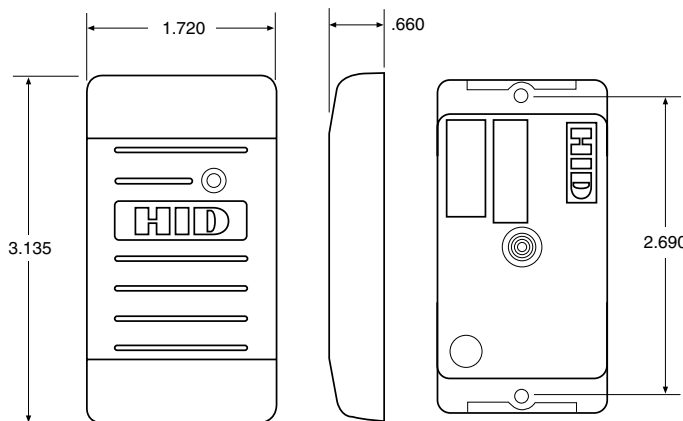
Canada/UL 294 Listed, FCC Certification, United States, Canada Certification, EU and CB Scheme Electrical Safety (EN60950 and IEC60950 ITE Electrical Safety)  
Fifteen EU Countries under the R&TTE Directive (EN 300 330 - SRD, and ETS 300 683 - EMC), CE Mark, Australia C-Tick, New Zealand, Taiwan, China

### Cable Distance

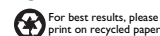
Wiegand or Clock-and-Data interface:

500 feet (150 m)

Recommended cable is ALPHA 1295 (22 AWG) 5 conductor stranded with overall shield or equivalent.



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MKT-PROXPOINT\_DS\_EN



**ACCESS** experience.

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