

6005B

# ProxPoint® Plus

## Value Priced Proximity Card Reader

### 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.

### CLASSIC



*Designer*

# 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:** Lifetime warranty against defects in materials and workmanship (see complete sales policy for details).

### Part numbers

Base Part No.: 6005B Wiegand Interface

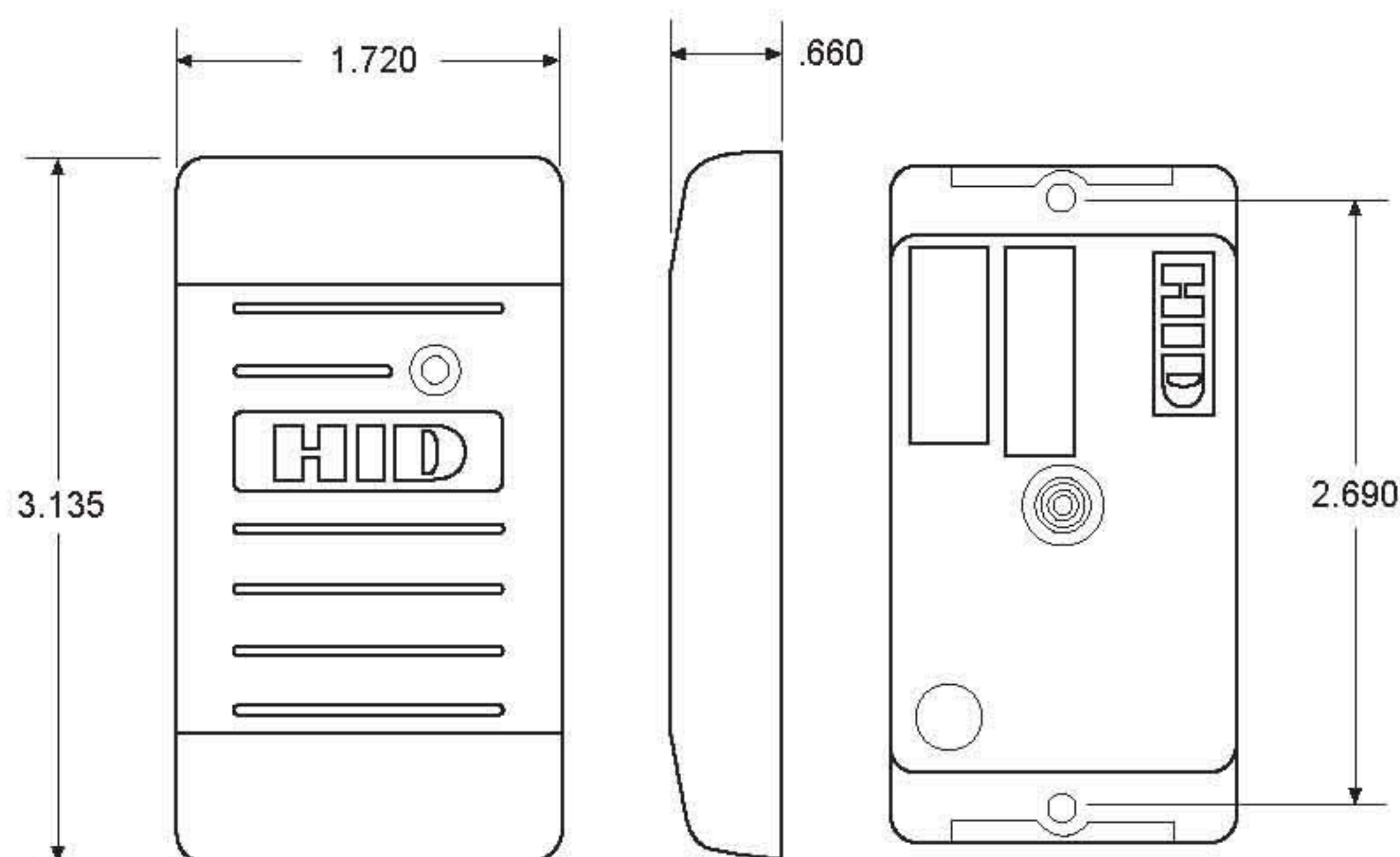
Base Part No.: 6008B Clock-and-Data Interface

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" (7.6 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.

LIT6005BDS 1/03, supersedes 8/02

