

6005

ProxPoint™

Proximity Card Reader

HID's ProxPoint reader offers an inconspicuous, attractive design with potted electronics, ideal for both indoor and outdoor applications.

Features

- Provides quality and value at an economical price.
- Allows existing swipe access control installations to be easily upgraded to proximity technology by changing existing readers and cards.
- Standard capabilities include multicolor LED and compatibility with all standard access control systems.
- Can read HID cards with formats up to 85 bits.
- Offers high reliability, consistent read range characteristics and low power consumption in a single, easily installed package.
- Designed for mounting directly on metal with no change in read range performance.
- Available with either Wiegand or Clock-and-Data (magnetic stripe data) output.



HID
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Features

Mounting

Designed to be unobtrusive and to mount directly on metal.

Visual indication

Red LED flashes green upon presentation of a proximity card.

Diagnostics

On reader power-up, an internal self-test routine checks and verifies the setup configuration and initializes the reader operation.

Indoor/outdoor design

Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments and provide vandal resistance.

Easily interfaced

Interfaces with all Wiegand protocol access control systems. Output data in Wiegand format, or optional Clock-and-Data format (magnetic stripe reader emulation).

Security

Recognizes HID cards with formats up to 85 bits.

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.: 6005 Wiegand Interface

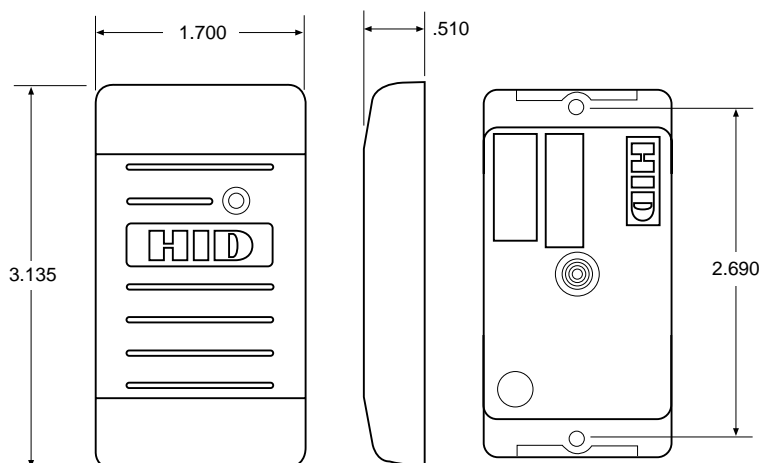
Base Part No.: 6008 Clock-and-Data Interface

Description: Tri-State LED, Pigtail Connection

Options:

- color (gray, beige, 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)

SmartProx™ card - up to 1.5" (3.7 cm)

*Depending on local installation conditions.

Dimensions

3.135" x 1.7" x 0.51" (7.96 x 4.3 x 1.3 cm)

Material

Polycarbonate UL 94

Power Supply

4.75-16 VDC

Linear power supplies are recommended.

Maximum Current Requirements

Current (DC)

Average 35 mA, Peak 60 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

UL 294 listed

United States: FCC part 15,

Germany, UK, France: R&TTE

CE Mark approved

Australia: EN55022

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.

LIT6005DS 4/00, supersedes 12/97

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