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.

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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
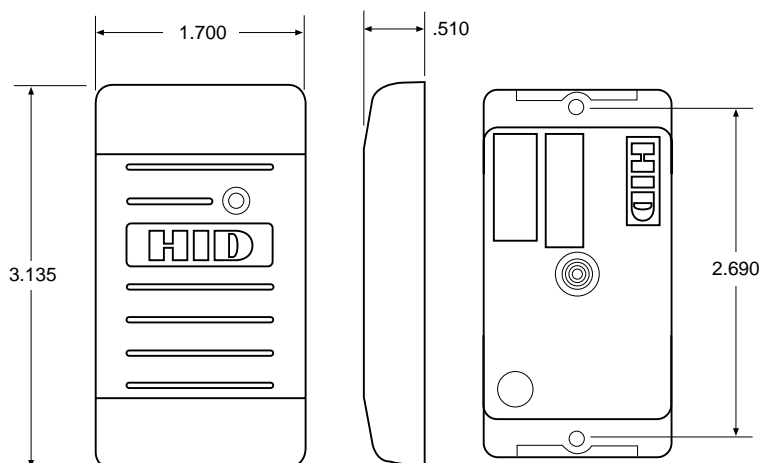Base Part No.: 6005 Wiegand Interface
Base Part No.: 6008 Clock-and-Data Interface
Description: Tri-State LED, Pigtail Connection
Options:
• color (gray, beige, black or white)
• custom label
• custom embossing in housing

(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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1.700   .510

3.135   2.690