

# Pyramid Series Proximity Reader

## Model P-400 Gibraltar Proximity Reader

- Bullet proof and flame resistant
- Designed for high crime areas where vandalism is a problem
- Virtually impossible to pry off a wall or mullion
- Perfect for inner city housing projects

Available with  
OPTIONAL  
**HID**  
Compatibility



The **P-400 Gibraltar Proximity Reader**, the latest member of Keri's **Pyramid Series Proximity** line of readers, cards, and tags, is designed for use in areas where crime and vandalism are a constant threat.

Unique to the access control industry, the P-400's enclosure is milled out of a single piece of stainless steel and is beveled such that it is nearly impossible to pry it off a wall. Protecting the window through which the proximity electronics read a card or tag is a material known as Fiber-Tex®. Capable of withstanding a 9-mm bullet fired at point blank range and UL-752 listed for bulletproof integrity, Fiber-Tex is manufactured using interwoven layers of fiberglass combined with a super-tough polymer. Additionally the electronics are sealed in epoxy potting, making the P-400 appropriate for installation indoors or out doors, in the most demanding of access control environments.

The P-400 is ideal for applications where other types of readers (including proximity) may fail due to vandalism to the reader itself. Many applications do not lend themselves to concealment of a reader inside or behind a wall, so the reader must be exposed to the environment. Examples of applications for the P-400 may include housing projects, prisons, schools and universities, hospitals, and military facilities.

Compatible with virtually every manufacturer's access control system, the single piece P-400 outputs data in industry standard pass-through Wiegand data formats. The P-400's read range is up to 1 inch (25mm) and it operates from 5 to 14 VDC at a nominal current draw of 90 mA, allowing for flexibility in the use of power supplies. In most cases it can be powered directly from the access control panel. Additionally the P-400 includes an audio tone and has several built in diagnostic functions including a start up self-check and data line test.

A complete line of access credentials that may be used interchangeably with any Pyramid Series Proximity Reader complements the P-400. These credentials include the **PSC-1 Light Proximity Card** featuring a lifetime warranty, the dye sublimation printable ISO-thin **PSM-2 Multi-Technology Proximity Card** available with a magnetic stripe, and one of the smallest, most durable credentials available, the **PSK-3 Proximity Key Ring Tag**.



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# DATA SHEET

## Pyramid Series Proximity Readers

# Pyramid Series Proximity Reader

## Model P-400 Gibraltar Proximity Reader

### Specifications

#### Size

5.25 x 2.0 x 0.75 inches  
(134 x 51 x 19mm)

#### Read Range\*

Up to 1 inch (25mm)

#### Input Voltage\*\*

+11-14 VDC

#### Current Draw

90 mA typical

#### Operating Temperature

-40° C to +65° C

#### LED Indicator

Not Applicable

#### Audio Tone

Standard

#### Frequency

125 KHz excitation

#### Formats

Wiegand and ABA Track II magnetic stripe (clock and data)

#### Color

Stainless Steel

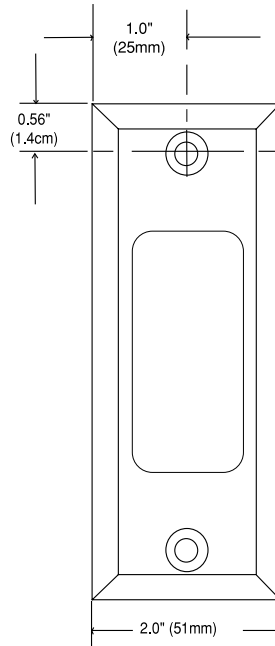
#### Material

Surround: Stainless Steel  
Face: Fiber-Tex® (UL 752 listed)

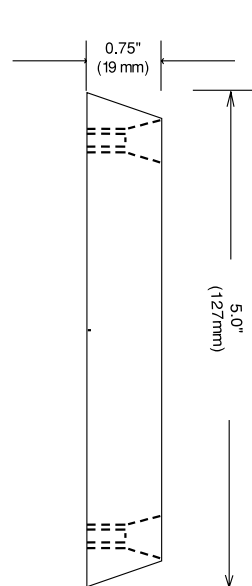
#### Warranty

The P-400 carries a limited lifetime warranty against defects in materials and workmanship.

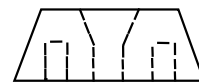
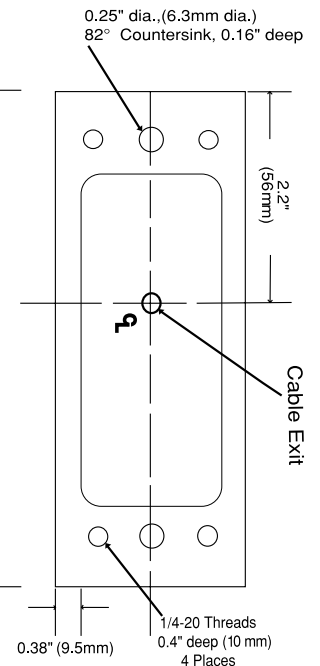
Front View



Side View



Rear View



Top View

\* Read range is stated in a clean RF and electrical environment using Standard Light Proximity Card presented parallel to reader surface with reader operating at 12VDC. For the P-400 Reader, the PSK-3 is the preferred credential

\*\*For maximum read range, reader operation at 12 VDC is recommended.

Specifications subject to change without notice.

Presented By:



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