

RCI P-300-H-A






125kHz standard security mini reader



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RCI Pyramid sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with either the legacy Wiegand or the latest bi-directional Open Supervised Device Protocol (OSDP). They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

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|  MAXSecure™ Unique Security Feature |  fleaPower™ Energy-Conservation Technology |  Pro-X™ Read-Range Boosting Technology |  ETL Listed Independently Tested and Certified (Wiegand models) Conform to UL Standard 294 and ULC 60839-11-1 |
|  Warranty Limited Lifetime Warranty |  Wiegand or OSDP Output Interface |  Mullion Mount Metal Door, Window Frames & Flat Surfaces |  Frequency: 125 kHz Read Range: Up to 5 inches (126 mm) |

Specifications

P-300-H-A

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|-------------------------------|---------------------------------------------------------------------------------------------------------|
| Technology | Proximity |
| Frequency | 125 kHz |
| Mounting | Mullions, including metal door and window frames, as well as flat surfaces |
| Dimensions | 1.7" W x 3.2" H x 0.7" D (43 mm x 81 mm x 18 mm) |
| Weight | 3 oz (85 g) |
| Certifications | FCC, ICC, CE, C-Tick, UL Standard 294, ULC 60839-11-1 |
| IP Code | IP67 |
| Voltage | +5 to 16 VDC |
| Current Draw | 30 mA typical, 75 mA peak @ 12 VDC |
| Read Range | Up to 5 inches (126 mm) |
| Cabling | 24 AWG minimum, multiconductor stranded with an overall foil shield |
| Interface | Wiegand (26-bit and custom formats), OSDP |
| Operating Temperature | -31° F to 150° F (-35° C to +66° C) |
| Operating Humidity | 0% to 90% relative humidity |
| Color Options | Black and a white snap-on cover included standard |
| Audio Tone | Beeper included standard |
| Indoor & Outdoor Installation | Electronics sealed in weather- and tamper-resistant epoxy potting |
| Warranty | Limited lifetime warranty |
| LED | Four-state standard (red, green, amber, and off) |
| Technologies Supported | P-300-H-A: Pyramid + certain HID 125-kHz Proximity protocols + certain AWID 125-kHz Proximity protocols |

NOTES:

Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Wiegand models have been evaluated. IP67 Independently tested and verified by Intertek. Linear power supplies are recommended for best operation. Read range utilizing PSC-1 Standard Light Proximity Card with 12 VDC at the reader. Range can be affected by installation scenario. Cabling: Belden 9535 or Belden 9539 or similar, for all reader functions. Shielded, twisted pair (Belden 8723 or similar) for OSDP.

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dormakaba USA Inc.
6161 E. 75th St.
Indianapolis, IN 46250
800.523.8483
www.dormakaba.us

dormakaba Canada Inc.
7301 Decarie Blvd.,
Montreal QC H4P 2G7
888 539-7226

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