



P-405 GUARDIAN PROXIMITY READER



Guardian Vandal Resistant



Frequency: 125 kHz
Read Range: Up to 5 inches (126 mm)



MAXSecure™
Integrated High-Security Technology



fleaPower™
Energy-Conservation Technology



Pro-X™
Read-Range Boosting Technology



Warranty
Lifetime Warranty



Wiegand
Output Interface



U.S. Single-Gang Wall-Box Mount
Metal or Plastic Box & Flat Surfaces



Vandal Resistant
Impact Resistant

P-405 GUARDIAN PROXIMITY READER

Guardian vandal-resistant readers are manufactured from thick polycarbonate material, feature epoxy potted electronics, and ship standard with tamperproof screws. Guardian readers are ideal for installations where more durability is required than the standard proximity reader. Such installations include schools, inner-city environments, correctional facilities, or sites where heavy machinery is operated.

| Specifications | P-405 |
|-------------------------------|--|
| Technology | Proximity |
| Frequency | 125 kHz |
| Mounting | Metal or plastic US single-gang wall box, as well as flat surfaces |
| Dimensions | 3" W × 4.5" H × 1" D (76 mm × 114 mm × 25 mm) |
| OEM Label Area Dimensions | 0.9" W × 0.35" H (22.86 mm × 8.89 mm) with corner radius of 0.63" (16 mm) |
| Weight | 8 oz (227 g) |
| Certifications | FCC, ICC, CE |
| IP Code ¹ | IP67 |
| Voltage ² | +5 – 16 VDC |
| Current Draw | 30 mA typical, 75 mA peak @ 12 VDC |
| Read Range ³ | Up to 5 inches (126 mm) |
| Cabling ⁴ | 24 AWG minimum, multiconductor stranded with an overall foil shield |
| Interface | Wiegand ABA Track II |
| Operating Temperature | –40° F to 149° F (–40° C to +65° C) |
| Color Options | Black |
| 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-405: <i>Pyramid Series Proximity</i> ® Cards and Tags ⁵ P-405-H: Pyramid + certain HID® 125-kHz Proximity protocols ⁶ P-405-A: Pyramid + certain AWID® 125-kHz Proximity protocols ⁷ P-405-H-A: Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols |

NOTES:

- 1 Self evaluated.
- 2 Linear power supplies are recommended for best operation.
- 3 Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader.
- 4 For example, Belden 9535 or similar.
- 5 Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, and PDT-1.
- 6 Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
- 7 Examples may include, and may not be limited to, CS Prox Card, GR (ISO) Graphics Quality Prox Card, and KT Key Tag.

Farpointe Data reserves the right to change specifications without notice.



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