

MiniProx® Reader

125 kHz Proximity

Mullion Mount Proximity Card Reader • 5365 (Wiegand), 5368 (Clock-and-Data)



ACCESS reliability.

Application

The MiniProx® proximity card reader's potted electronics enhance the security of the reader. The slim, attractive design is ideal for indoor or outdoor mounting.

Features

- ▶ Accepts 5 to 16 volts, meeting most voltage requirements.
- ▶ Available with Wiegand or Clock-and-Data interface.
- ▶ Allows easy upgrade from magstripe to a proximity reader; no rewiring or pulling of new cable required.
- ▶ Offers high reliability, consistent read-range and low power consumption in an easy-to-install package.
- ▶ Mounts directly onto metal with no change in read range performance.
- ▶ Provides multicolor LED, compatibility with all standard access control systems and internal or host control of LED and beeper.
- ▶ Includes multilingual installation manual.

- Mounting** Unobtrusive design mounts directly onto metal including door Mullions.
- Hazardous Location MiniProx® Reader Mounting** Designed to mount onto a junction box included with each reader. The junction box is attached to an appropriate surface location utilizing four holes.
- Audiovisual Indication** When a proximity card is presented to the reader, the red LED flashes green and the beeper sounds. The multicolor LED and beeper can also be controlled individually by the host system.
- Diagnostics** On reader power-up, an internal self-test routine checks and verifies the setup configuration, determines the internal or external control of the LED and beeper, and initializes reader operation. An additional external loop-back test allows for the reader outputs and inputs to be verified without the use of additional test equipment.
- Indoor/outdoor Design** Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, providing reliable performance and a high degree of vandal resistance.
- Easily Interfaced** Wiegand output model interfaces with all existing Wiegand protocol access control systems. Clock-and-Data (magnetic stripe) model interfaces with most systems that accept magnetic stripe readers.
- Security** Recognizes card formats up to 85 bits, with over 137 billion unique codes.
- Warranty** Lifetime warranty against defects in materials and workmanship (see complete sales policy for details).
- Part Numbers**

Base Part No.: 5365 Wiegand interface
 Base Part No.: 5368 Clock-and-Data interface
 Description: Tri-State LED, Internal beeper on Options:

 - CLASSIC series cover in white, beige, charcoal gray, or black (or)
 - Designer series cover in white, wave blue, charcoal gray, or black
 - LED and beeper operation
 - custom label

* Hazardous Location MiniProx® only available with terminal strip.

(Please see "How to Order Guide" for a description of the options and associated part numbers.)

Hazardous Location MiniProx shown with incorporated junction box rated for use in hazardous locations.



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Typical Maximum* Read Range

- ProxCard® II card - up to 5.5" (14 cm)
 - ISOProx® II card - up to 5" (12.7 cm)
 - DuoProx® II card - up to 5" (12.7 cm)
 - Smart ISOProx®/DuoProx® cards - up to 5" (12.7 cm)
 - Proximity & MIFARE® card - up to 5" (12.7 cm)
 - ProxCard® Plus card - up to 2" (5.1 cm)
 - ProxKey® II keyfob - up to 2" (5.1 cm)
 - MicroProx® Tag - up to 2.5" (6.4 cm)
- *Depending on local installation conditions.

Dimensions:

6.0" x 1.7" x 1.0"
 (15.2 x 4.3 x 2.54 cm)

Material: Polycarbonate UL 94

Power supply:

Standard MiniProx: 5-16 VDC
 Haz. Loc. MiniProx: 5-16 VDC
 Linear power supplies are recommended.

Current requirements:

Max Average 30 mA
 Typ Peak: 75 mA

Operating temperature:

-22° to 150° F (-30° to 65° C)

Operating humidity:

0-95% relative humidity non-condensing

Weight:

With terminal strip: 3.5 oz. (99 g)
 With pigtail: 3.8 oz. (108 g)
 Haz. Loc. MiniProx: 3.8 oz. (108 g)

Transmit frequency: 125 kHz

Excite frequency: 125 kHz

Cable distance:

Wiegand interface: 500 feet (150 m)
 Clock-and-Data interface: 50 feet (15 m)
 Recommended cable is ALPHA 1295 (22 AWG) 5 conductor minimum stranded with overall shield or equivalent. Additional conductors may be required for LED or beeper control.

Environmental: IP55

Certifications:

UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), SRRC (China), MIC (Korea), NCC (Taiwan), MIC (Japan), iDA (Singapore), RoHS

Hazardous Part Only: Canada/UL 1604 Listed (with Haz. Loc. junction box only): Hazardous Locations Class I, Div. 2, Groups A,B,C,D.

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