

# 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.

## Features

<b>Mounting</b>	Unobtrusive design mounts directly onto metal including door Mullions.
<b>Hazardous Location MiniProx® Reader Mounting</b>	Designed to mount onto a junction box included with each reader. The junction box is attached to an appropriate surface location utilizing four holes.
<b>Audiovisual Indication</b>	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.
<b>Diagnostics</b>	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.
<b>Indoor/outdoor Design</b>	Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, providing reliable performance and a high degree of vandal resistance.
<b>Easily Interfaced</b>	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.
<b>Security</b>	Recognizes card formats up to 85 bits, with over 137 billion unique codes.
<b>Warranty</b>	Lifetime warranty against defects in materials and workmanship (see complete sales policy for details).
<b>Part Numbers</b>	Base Part No.: 5365 Wiegand interface Base Part No.: 5368 Clock-and-Data interface Description: Tri-State LED, Internal beeper on Options: <ul style="list-style-type: none"><li>• CLASSIC series cover in white, beige, charcoal gray, or black (or)</li><li>• Designer series cover in white, wave blue, charcoal gray, or black</li><li>• LED and beeper operation</li><li>• custom label</li></ul> * 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.



## Specifications

### 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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MKT-MINIPROX-DS-EN



**ACCESS** experience.

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