5365 (Wiegand)
5368 (Clock-and-Data)

MiniProx™ Reader

Proximity Card Reader

Application

The MiniProx proximity card reader's potted electronics and slim, attractive design are ideal for indoor or outdoor mounting.

Features

- Accepts 5 to16 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.

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

MiniProx™ Reader

Features

Mounting: unobtrusive design mounts directly onto metal such as 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.

Hazardous Location MiniProx reader Interface: can be operated with any facility code and card number format requirements using the Wiegand protocol.

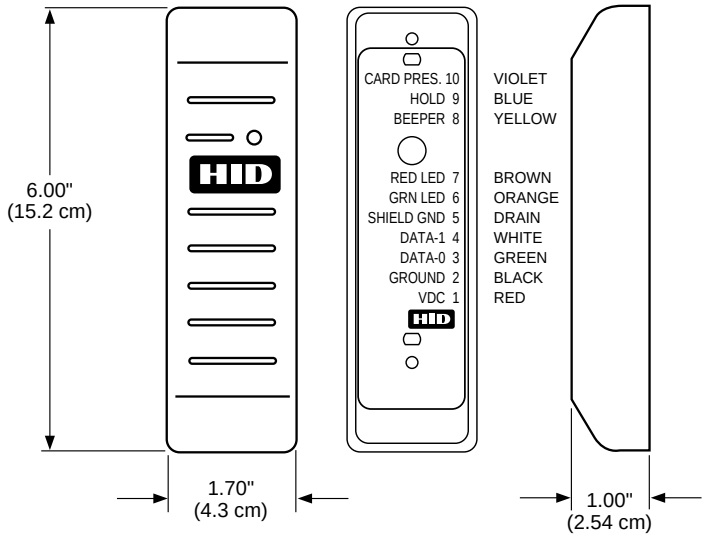
Security: Recognizes card formats up to 85 bits, with over 137 billion unique codes.

Warranty: warranted against defects in materials and workmanship for life from date of shipment (see complete warranty 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:

- color (gray or beige)
- connection (terminal strip or pigtail)
- LED and beeper operation
- custom label

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



Specifications

Typical maximum* read range:
ProxCard® II card - up to 5.5" (14 cm)
ISOProx® II card - up to 5" (12.5 cm)
ProxKey™ II keyfob - up to 2" (5 cm)
ProxCard® Plus card - up to 2" (5 cm)
SmartProx™ II card - up to 5" (12.5 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:
Average: 30 mA (5 VDC); 20 mA (12 VDC)
Peak: 110 mA (5 VDC); 110 mA (12 VDC)

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 gm)
With pigtail 3.8 oz. (108 gm)
Haz. Loc. MiniProx: 3.8 oz. (108 gm)

Transmit frequency: 125 kHz
Excite frequency: 125 kHz

Certifications:
Canada/UL 294 Listed: Access Control System Units
Canada/UL 1604 Listed (with Haz. Loc. junction box only): Hazardous Locations Class I, Div. 2, Groups A,B,C,D.
FCC Certification, United States
Canada Certification
EU and CB Scheme Electrical Safety (EN60950 and IEC60950 ITE Electrical Safety)
Fifteen EU Countries under the R&TTE Directive (EN 300 330 - SRD, and ETS 300 683 - EMC)
CE Mark
Australia C-Tick
New Zealand

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.

LIT5365DS 3/01, supersedes 11/00

www.HIDCorp.com

HID CORPORATION
9292 Jeronimo Road
Irvine, CA 92618-1905 U.S.A.
+1 (949) 598-1600 or (800) 237-7769
FAX +1 (949) 598-1690