









# RCI Conekt PCR-35L

## 125kHz standard security reader



### RCI Conekt PCR-35L 125kHz mobile ready reader

A mobile smartphone access control ID solution. Based upon the proven LEGIC® contactless digital radio frequency identification (RFID) platform, RCI Conekt 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 can be ordered to support several proximity card and tag technologies. In addition to traditional proximity credentials, such as clamshell cards and key tags, the platform also offers the option of mobile access credentials loaded on Bluetooth Low Energy (BLE)-enabled smartphones. This allows the smartphone to function as a contactless electronic access control credential.

 <p><b>Bluetooth Low Energy</b> Supporting RCI Conekt or Switch™ Tech Smartphone Mobile Credentials</p>	 <p><b>Proximity</b> Supports 125-kHz cards and tags</p>	 <p><b>MAXSecure™</b> Unique Security Feature</p>	 <p><b>ETL Listed</b> Independently Tested and Certified (Wiegand model) Conforms to UL Standard 294 and ULC 60839-11-1</p>
 <p><b>Warranty</b> Lifetime Warranty</p>	 <p><b>Wiegand or OSDP</b> Output Interface</p>	 <p>Single Reader for Mullion or Wall-Switch Mount Metal Door, Window Frames &amp; Flat Surfaces</p>	 <p><b>Frequency:</b> 125 KHz and 2.4 GHz <b>Read Range:</b> Physical Credentials: Up to 4 inches (102 mm) Mobile Credentials: Up to 15 feet (4.6 m)</p>

## Specifications

## PCR35L mobile-ready reader

Technology	Proximity and Bluetooth Low Energy (BLE)
Frequency	125 kHz (proximity) and 2.4 GHz (BLE)
Mounting	A single reader for metal door and window frames, single-gang wall boxes, and flat surfaces
Dimensions	Mullion: 1.7" W x 4.7" H x 1.2" D (43 mm x 119 mm x 30 mm) Switch Plate: 3" W x 5.1" H x 1.2" D (76 mm x 130 mm x 30 mm)
Certifications	FCC, ICC, CE, UL Standard 294, ULC 60839-11-1
IP Code	IP67
Voltage	+8 to 14 VDC
Current Draw	60 mA typical, 90 mA peak @ 12 VDC
Read Range	Physical Credentials: Up to 4 inches (51 mm) Mobile Credentials: Up to 15 feet (4.6 m)
Cabling	24 AWG minimum, multiconductor stranded with an overall foil shield
Interface	Wiegand (26-bit and custom formats) or OSDP
Operating Temperature	-31° F to 150° F (-35° C to +66° C)
Operating Humidity	0% to 90% relative humidity
Audio Tone	Beeper included standard
Indoor & Outdoor Installation	Electronics sealed in weather- and tamper-resistant epoxy potting
Warranty	Limited lifetime warranty
LED	Five-state standard (blue, red, green, amber, and off)
Technologies Supported	Pyramid + certain HID® 125-kHz Proximity protocols + certain AWID® 125-kHz Proximity protocols and RCI Conekt

### NOTES:

Optimized for use with devices supporting BLE version 4.2 or newer. Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294 and ULC Standard 60839-11-1. Only Wiegand models have been evaluated. Independently tested and verified by Intertek. Linear power supplies are recommended for best operation. For physical credentials, using PSC-1 Standard Light Proximity Card with 12 VDC at the reader. Other credentials may be less. For mobile credentials, read ranges are further subject to the type of smartphone, as well as the manner in which it is used, covers or external batteries affixed, as well as the installation, its environment and individual reader settings. Belden 9535 or Belden 9539 or similar, for all reader functions. Shielded, twisted pair (Belden 8723 or similar) for OSDP. Contact your access control system manufacturer for their specific requirements. Examples may include, and may not be limited to, PSC-1, PSI-4, PSM-2, PSK-3, PDT-1, ProxCard II®, ISOProx® II, ProxKey® II, CS Prox Card, GR (ISO) Graphics Quality Prox Card. RCI Conekt Mobile Access Credentials are intended to be supported by the current and preceding versions of Apple® iOS and standard compliant Google Android™ mobile operating software (OS) version OS5 and its successors. Custom OS variants may result in a loss of functionality. Revision 8 or newer includes technology support for Touchless Activation-enabled RCI Conekt Mobile Access Credentials.

Patent Pending

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KAA1575 08-22