

# 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-added 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 <b>LIFETIME</b></p>	 <p><b>Wiegand or OSDP</b> Output interface</p>	 <p><b>Single reader for mullion or wall-switch mount</b> 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>

## PCR35L Mobile-ready reader specifications

<b>Technology</b>	Proximity and Bluetooth Low Energy (BLE)
<b>Frequency</b>	125 kHz (proximity) and 2.4 GHz (BLE)
<b>Mounting</b>	A single reader for metal door and window frames, single-gang wall boxes, and flat surfaces
<b>Dimensions</b>	Mullion: 1.7" W × 4.7" H × 1.2" D (43 mm × 119 mm × 30 mm) Switch plate: 3" W × 5.1" H × 1.2" D (76 mm × 130 mm × 30 mm)
<b>Certifications</b>	FCC, ICC, CE, UL Standard 294, ULC 60839-11-1
<b>IP Code</b>	IP67
<b>Voltage</b>	+8 to 14 VDC
<b>Current draw</b>	60 mA typical, 90 mA peak @ 12 VDC
<b>Read Range</b>	Physical credentials: Up to 4 inches (51 mm) Mobile credentials: Up to 15 feet (4.6 m)
<b>Cabling</b>	24 AWG minimum, multiconductor stranded with an overall foil shield
<b>Interface</b>	Wiegand (26-bit and custom formats) or OSDP
<b>Operating temperature</b>	-31° F to 150° F (-35° C to +66° C)
<b>Operating humidity</b>	0% to 90% relative humidity
<b>Audio tone</b>	Beeper included standard
<b>Indoor &amp; outdoor installation</b>	Electronics sealed in weather- and tamper-resistant epoxy potting
<b>Warranty</b>	Limited lifetime warranty
<b>LED</b>	Five-state standard (blue, red, green, amber, and off)
<b>Technologies supported</b>	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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**Any questions? We would be happy to advise you.**

Contact us at: 1-800-265-6630