

# Proxess EX Wireless Exit Trim

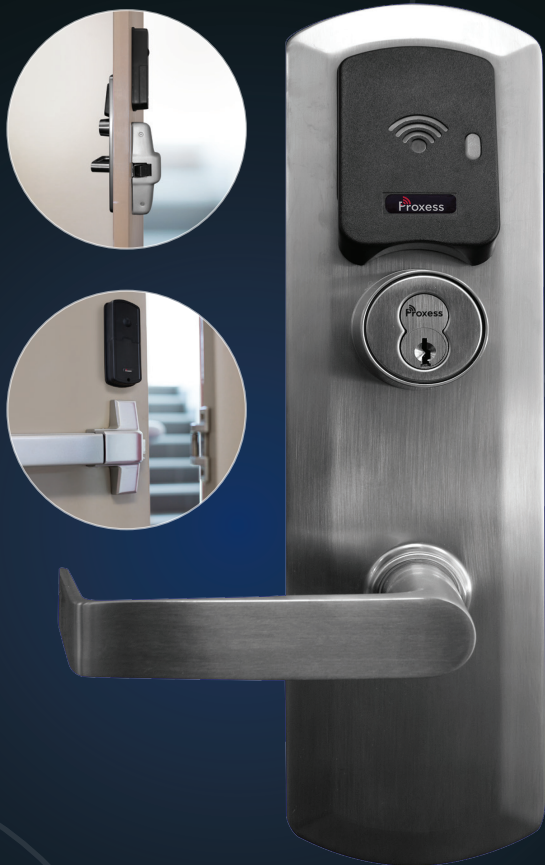
The Proxess® wireless EX Exit/Panic Trim rounds out Proxess' family of intelligent locking solutions.

The EX-series provides the wireless evolution for your emergency and exit device doors, enabled by both physical credentials and mobile keys. The EX-series platform supports both Proxess' LoxIQ® simple, phone-based software, as well as the ProxessIQ® enterprise-wide solution. EX is an intelligent, Grade 1 electronic trim that is dramatically less expensive and more simple to install than traditional wired doors. It interfaces with most existing rim-mounted panic/exit devices, simplifying your transition from mechanical to electronic access control and digital keys.

The EX-series exit trim is equipped with a low-power Bluetooth® and NFC module, allowing it to utilize both secure Mifare DESFire® EV3 physical credentials and mobile (phone) credentials. This allows for a no-tour operation using Proxess' Network-on-Credential technology. An available lockdown button assures all previously valid credentials are instantly removed and provides lockdown with a Mobile Key from across the room. Proxess' optional Gateway provides audits and events a real-time path to the software and allows the system to push commands to the locks leveraging notifications, global lockdown and on-demand requests, essentially turning offline locks into online devices. Proxess' virtual network provides each lock complete online-like features such as time schedules, audit trail, immediate "e-rekey," blocklist, automatic unlocking, calendars, holidays, and real-time lock status communication (lockdown, battery status, etc.).

The EX-series Exit Trim saves customers significant time and money because it does not require network communication or power wiring. It integrates with most existing rim exit devices, requiring very little door prep. All the components of a typical access control system are combined into one easy-to-install unit. Imagine the time and labor costs saved when compared to traditional electronic access control (EAC) door installations.

**To design a system that most economically meets your security requirements, reference the Configuration Guide under the Design Guide tab of the Proxess website, or call the Proxess office at (303) 317-6656**



# FEATURES & BENEFITS

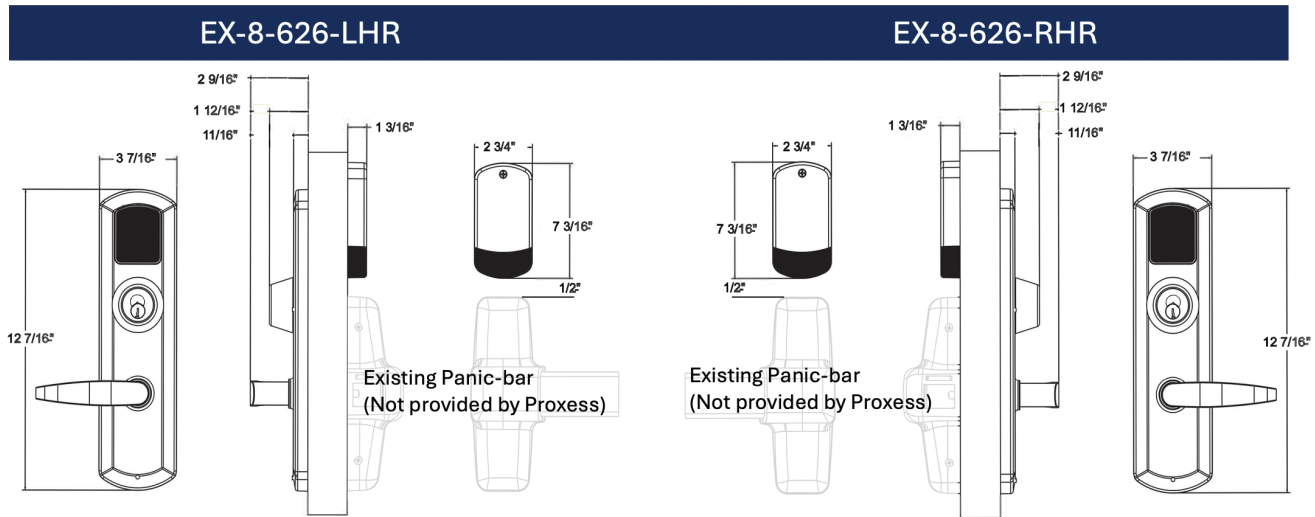
	Both Bluetooth and NFC technologies on board allow lock networking, mobile keys and emergency lockdown upgrades.
	Unlike mechanical locks, Administrators can decide WHO may enter doors, WHEN users are authorized to enter doors (time schedule), and receive an audit trail of these events.
	Simple installation. Saves hours when compared to costly wiring and equipment of typical electronic access control systems. The cylindrical lock installs in a standard prep door in less than 10 minutes with no additional unsightly holes.
	Grade 1, Indoor/Outdoor, IP65 Equivalent
	Lockdown with button on the trim, Lockdown across the room with Mobile Key and Global Lockdown (when gateways are deployed). Real-time event pushes to the software (when gateways are deployed).
	4 Levels of Connectivity allows customers to migrate from communicating at the door, through real-time phone, smart card linkage, BLE wireless bridges/gateways, or online.
	Utilizes both Bluetooth & NFC Mobile Phone credentials and Mifare DESFire EV3, the latest and most advanced RFID contactless smart credential technology. Proxess further protects credential communication by utilizing six layers of security, including 128bit AES encryption and custom electronic keying.
	Each lock is a communications hub, reacting to real-time broadcasts and delivering conditional and event messaging to nearby Proxess mobile phone apps, as well as informing the software of its important status changes.
	Downloadable software app on phone programs locks. Upgradeable to robust server-based software without changes to the lock

# SPECIFICATIONS



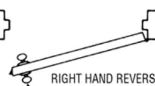

<b>Connectivity:</b>	<ul style="list-style-type: none"> <li>• Bluetooth Communication Up to 100 Feet</li> <li>• RF and Network-on-Card NFC</li> <li>• Mobile Programming Device Up to 70 Feet</li> </ul>
<b>Users:</b>	Unlimited
<b>Audits:</b>	2,000 on the lock. System supports unlimited audits.
<b>Time Schedules:</b>	64+
<b>Strike Type :</b>	Rim
<b>Door Thickness:</b>	1 3/8" to 2"
<b>Strike:</b>	Standard 1 3/16" lipped t-strike; Optional ANSI 1 1/4" x 4"
<b>Escutcheon Dimensions:</b>	<ul style="list-style-type: none"> <li>• Outside: 12 13/32" x 3 7/16" x 2 9/16" (315mm x 87.3mm x 65.1mm)</li> <li>• Inside = 7.56" x 3.5" x 1.33" (192mm x 88.9mm x 33.7mm)</li> </ul>
<b>Operating Temperature:</b>	ANSI Standard -10* to 141* F (-29* to 60* C)
<b>Functions:</b>	<p><b>Electronic Programmable Functions</b></p> <p>Storeroom, Entrance, Classroom, Emergency (Intruder) Classroom; Apartment, Dormitory/Privacy, (Temporary) Construction, others upon request. Note: Construction cards not supported.</p>
<b>Emergency Mechanical Keying:</b>	Standard 6-pin or 7-pin, Special Pick-Resistant SFIC, Interchangeable Core (LFIC Option), Custom Keying. Note: No Emergency Key Monitoring provided.
<b>Lock Reader:</b>	RFID 13.56 MHz, ISO 14443A, BLE
<b>Visual and Audio Communications:</b>	<p>LED (Tri-Color) Indicator Light and Audio Indicator</p> <p>For credential feedback, Lockdown, battery level, toggle operation &amp; debugging</p>
<b>Credentials:</b>	Multi-Application, Mifare DESFire EV3® (EV1, EV2, and EV3 compatible); NFC BLE Mobile Keys
<b>Credential Security:</b>	DESFire EV3; 128-bit AES Encryption
<b>Indoor/Outdoor:</b>	ANSI Indoor/Outdoor Certified 156.2 Indoor/Outdoor, Normal Operating Humidity: 0 – 100%, Non-Condensation; Optional Outdoor UL IP 65 Equivalent
<b>Warranty:</b>	5-Year Mechanical Warranty; 2-Year Limited Electronic Warranty
<b>Batteries:</b>	Four standard AA alkaline Tested to 55,000 cycles

## HOW TO ORDER


**NOTE:** Customer may leave steps blank if standard option is preferred for that step in the ordering process.




Exit trim and interior electronics, for Rim panic bars. #6 angled return. 626 finish, Keyed Alike, SFIC keyed core. ANSI BMHA A156.13 Grade 1. Order LHR or RHR. Compatible with Von Duprin 98/99 and Detex 40 devices. Call for adapter plates for other manufacturers.

STEP:	1 SERIES	2 LEVER STYLE	4 FINISH	4 FUNCTION	OPTIONAL KEYING	MISCELLANEOUS / CUSTOM
Standard Product #	EX	8	626	RHR	KI	
Standard description	EX Electronic Exit Trim	8 Curved return	626 Satin chrome	RHR Right-Hand-Reverse	KI Keyed Individually with Master	Specify "-W" when both external and interior trim are exposed to outside environments.
Option description	For Rim panic bars	 6 Angled return	 690 Dark Bronze/Black	 LHR Left-Hand-Reverse	KA Keyed Alike LC Less Core CK Custom Keying	 EX is supplied standard with SFIC cylinder and core.

**EX-BP-WEST \*** \* Availability pending

 Order separately. "West" backplate, for mechanical integration with these Rim panic bars: Von Duprin VD22, Falcon F19, Detex 10 & 40, Precision 5000

**EX-BP-EAST \*** \* Availability pending

 Order separately. "East" backplate, for mechanical integration with these Rim panic bars: Sargent, Corbin, Yale, Dormakaba

To order software, go to the **Support and Data Sheets** tab on the Proxess website, then proceed to the **Download** tab to choose your software. Typically, you would choose **LoxiQ** software for small, phone-based systems (50 users/doors) and **ProxessIQ** server-based software for large systems. However, LoxiQ doors and users are limited only by the practicality of entering info on a phone vs server software.