

SEC-30/10

NFC European Profile

Perfil Normalizado Europeo de 30mm

MODULAR CYLINDER



KEYLESS

Unlocking
via mobile phone


BATTERYLESS

No batteries.
No maintenance.


AES256

Encrypted
communications


Its wide operating temperature range as well as its IP55 rating make it ideal for access control in all types of industrial environments.



Freely rotating knob that is specially designed to prevent damage from tampering.



Modular structure allowing its length to be extended up to 100 mm.



Protected against both passive and active cyber threats using industry-standard AES-256 encryption.



The SEC-30/10 is a keyless and batteryless NFC digital cylinder lock from Phoenix Smartlocks. Its operation is entirely key-free, requiring only an Android or iOS smartphone to unlock it. The SEC-30/10 harvests energy wirelessly from the user's smartphone, making it a truly battery-free and maintenance-free device.

Through the corresponding mobile app, the smartphone manages access permissions and records access events, providing a secure and flexible access control solution.

The SEC-30/10 is a smart device that seamlessly integrates into existing infrastructure and access control systems. Its access control behavior is 100% software-defined, enabling operation in stand-alone configurations or as part of a fully integrated access control system managed through a centralized platform.

It can operate in environments ranging from pre-granted access permissions to real-time access control verification against a corporate backend, and anything in between.

Designed to withstand both physical and digital threats, the SEC-30/10 is built for the most demanding industrial applications. It is specifically engineered to operate in challenging environments, meeting the requirements of environmental durability, physical security, and cybersecurity.



ELECTRONIC / CYBERSECURITY FEATURES

- NFC communication compliant with ISO 14443A
- Unique, non-duplicable electronic identity
- Unique access codes per padlock
- Programmable access permissions (time-limited and access-count based)
- AES-256 encrypted communications
- Protection against external interference and replay attacks
- Internal memory for up to 1,000 access events
- Programmable time-based auto-deactivate feature (0-10 seconds)
- Compatible with iOS and Android devices



MECHANICAL & PHYSICAL DATA

- Brass body with chrome-plated finish
- Free rotating knob, made of high strength Polyoxymethylene (POM)
- Highly modular design enabling multiple lock length configurations, from 30mm up to 100mm in 5mm steps
- Impact resistance: IK09



OPERATIONAL FEATURES

SEC-30/10 can be set up to work in two operational modes, which can be configured in the smartphone app.:



- **Manual mode:** Both opening (activating the knob) and closing (deactivating the knob) procedures require using the smartphone to interact with the lock.



- **Auto-deactivate mode:** Opening the lock requires using the smartphone to interact with the lock. In this mode there is no need to manually deactivate the lock, since after a successful open operation, the lock will auto-deactivate after a pre-set (and configurable in the app) amount of time.



ENVIRONMENTAL SPECIFICATIONS

- Operating temperature range: -40°C to +80°C
- Ingress protection: IP55



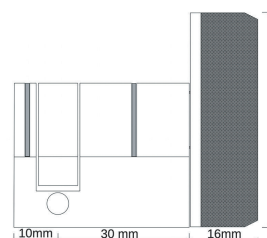
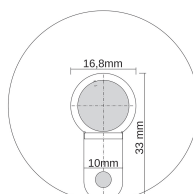
-40°C to +80°C



IP 55



DIMENSIONS



Not to scale.