



NFC SMARTLOCKS
Keyless & Batteryless
Access Control Solutions

SEC-30/10
NFC European Profile
Modular Cylinder



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. SEC-30/10 harvests energy wirelessly from the user's smartphone, making it a truly battery-free and maintenance-free device.

It features a modular design that accommodates lengths of up to 100mm.

SEC-30/10 has a freely rotating knob that is specially designed to prevent damage from tampering.

SEC-30/10 is a smart device that seamlessly integrates in your existing infrastructure and access control needs. Its access control behavior is 100% software defined, making it able to operate from pre-granted permission environments to setups with real-time access control checks against a corporate backend, or anything in between.

Designed to withstand both physical and digital threats, the SEC-30/10 is built for the most demanding industrial applications.

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

SEC-30/10 is protected against both passive and active cyber threats using industry-standard AES-256 encryption for all communications.

Compatible with Android and iOS phones.

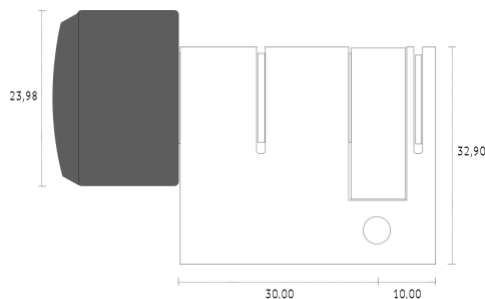
ELECTRONIC / CYBERSECURITY FEATURES

- NFC communication compliant with ISO 14443A
- Unique, non-duplicable electronic identity
- Unique access codes per lock
- 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 Android and iOS devices

ENVIRONMENTAL SPECIFICATIONS

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

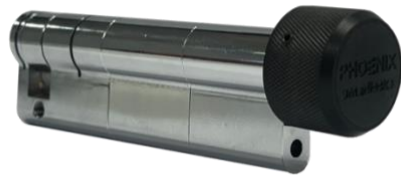
DIMENSIONS



Not to scale

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



OPERATIONAL FEATURES

SEC-30/10 can be setup 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.