dormakaba

🔓 Wireless

📱 Mobile Access

dormakaba digital cylinder
access made easy

Innovative and user-friendly
The digital cylinder allows you to control access to the right areas at the right times. Along with high-quality and award-winning design, the digital cylinder offers you a high level of security and flexibility.

Operate it just as easy: hold up your valid card, key fob or your key with RFID to the external knob – the illuminated ring will flash green and you can enter. Beyond this, you can transfer access rights to smartphones and use them as access media at the door.

The digital cylinder is part of our dormakaba evolo standalone portfolio. That means no cabling is required within the door because it is operated with a standard battery. The modular design of the digital cylinder with removable knobs enables quick and easy installation.

Diverse range of uses
Generally, you can use the digital cylinder for any door in the inside or weather-protected outdoor area. The electronics operate reliably, even in extremely low temperatures.

Extensive range
In addition to the standard version, the product portfolio includes dual, half and anti-panic cylinders. These can be combined with a variety of options.

With the selectable wireless function, the digital cylinder can establish a radio connection to the access system.
This offers you advantages in terms of programming, maintenance and security.

Advantages at a glance

Quick installation
Quick and easy retrofit from mechanicals to electronics

Innovative, high-quality design
Award-winning knob design offers a perfect touch

Modular construction
On-site length adjustment possible

Seamless integration
Works in all dormakaba system solutions

Security and functionality
Security features built into the protected cylinder core

Wireless function
Convenient programming via radio directly to the component

Mobile Access
Via the dormakaba App users get access rights to their smartphone

Features

Easy installation
Installation is possible on both external and internal doors. It couldn't be easier: within minutes the digital cylinder is installed in the existing door lock, the inner knob is put on without any tool.

Modular design
Both the internal and external knob can be dismantled for easy installation. The cylinder length can be adjusted by your specialist partner on site if required.

Scalable application
The digital cylinder is easy to program and suitable for single doors but also as part of a large-scale master key system. Choose from the following programming options:
- Authorisation in the component:
  - with the programming card
  - with the smartphone app (evolo smart)
  - with the system software and transfer of access rights via programming device
  - conveniently from your desk via the wireless function
- Authorisations on the access medium – programming of the door components on site is not necessary. Optionally available with:
  - CardLink
  - AoC (Access on Card)
  - OSS-SO (Open Security Standards – Standard Offline)
  - Mobile Access: access with your smartphone via Bluetooth® or Near Field Communication (NFC)
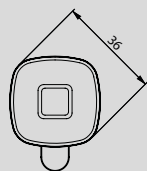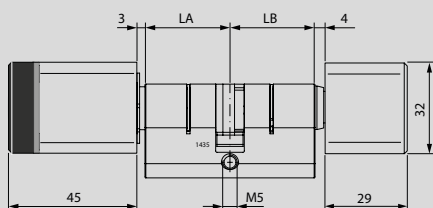
Essential features
The device software supports all dormakaba system solutions and its functions also include:
- Number of access media: - with whitelist up to 4,000
                            - with CardLink & AoC practically unlimited
- Internal clock and configurable time profiles
- Time-limited assignment of access rights (validation)
- Saving of last 2,000 events (can be disabled)

A universal portfolio
Our product range includes many products in the same high-quality design that can be combined seamlessly with one another.

Digital cylinder standard version, European profile, type 1435

Questions? We would be happy to assist you and look forward to hearing from you.

dormakaba International Holding AG
Hofwisenstrasse 24
CH-8153 Rümlang
T. +41 848 85 86 87
info.ch@dormakaba.com

www.dormakaba.com

Technical information

Supported RFID standards
- LEGIC (advant & prime)
- MIFARE (DESFire & Classic)
- OSS-SO Version 2017-10 (LEGIC advant, MIFARE DESFire)
- NFC – Near Field Communication (with Android smartphones)

Versions
- Euro profile, round profile, oval profiles (Scandinavia, Australia), ANSI
- Types: Standard, half, dual, anti-panic, without internal knob
- Finishes: nickel-plated (stainless steel look), polished brass, black, matt chrome-plated
- 'Protected' option: high pick resistance
- Antenna cover: black or white

Dimensions
- Cylinder length: from 25/20 mm
- Adjustable in 5 mm increments
- Max. cylinder length: 220 mm
- External knob: Ø 36 x 45 mm
- Internal knob: Ø 36 x 29 mm
- Small internal knob: Ø 30 x 27 mm

Radio interface
- IEEE 802.15.4
- Bluetooth® Low Energy

Power supply
- Battery: 1 x 3 V CR2 lithium

Environment/service life
- Temperature: -25 °C to +70 °C
- Class of protection of external knob: IP56
- Humidity: 0 to 95%, non-condensing
- Battery service life at 20 °C: up to 50,000 cycles or up to 2 years

Certificates
- EN 15684: 1 6 B 4 A F 3 2
- 'Protected' option: VdS class BZ+
- Fire safety: EN 1634-2: 95 mins