



KABA®

Kaba eolegic digital cylinder

Radiofrequency activation, convenient handling and access signalization with illuminating ring characterize this special battery-operated cylinder. High security level combined with seamless integration into the Kaba stand-alone and online world fulfil the highest requirements. Available in standard, half and dual cylinder versions.

Kaba elolectic - digital versatility

Tailored flexibility

Modern infrastructures require a high level of flexibility which only an electronic system can provide.

The Kaba elolectic product family is a «stand-alone» access system which is based on the copyrighted Legic® RFID technology. All components such as lock cylinders, door locks, readers, keys, cards and door furniture have been combined to a well-tuned and flexible «stand-alone» access system.

A variety of applications

In order to cover international customer needs, the Kaba elolectic digital cylinder is available in various finishes, versions and profiles. The Euro profile cylinder has a diameter of 17 mm, whereas the round (Swiss) profile measures 22 mm.

The standard, dual and half cylinder versions are designed for different application areas, fulfilling a multitude of organizational building requirements.

Product lines

According to the customer needs, different modes of operation can be selected. The numerous functions are divided into three product lines:

N-Line

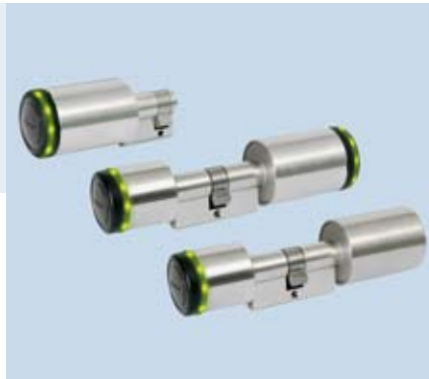
Has access for 2400 media per cylinder, without time functions (standard version).

T-Line

Offers time functions and transaction memory for permanent access authorizations.



Intelligent knob - keyless door opening



Half, dual and standard cylinder versions



Various finishes and functions are available

Operation

The battery-operated door cylinder offers user convenience, elegant design and efficient programming possibilities.

The Kaba elolectic digital cylinder can only be actuated if the card or the key with the integrated legic chip has the proper access authorization. If the medium does not have access rights, the illuminating ring will blink red.

The standard digital cylinder version can be applied in:

- Universities, schools
- Hospitals, nursing & retirement homes
- Banks and insurance companies
- Industry
- National and municipal buildings
- Airports
- Civil security & rescue (fire brigade)

The «dual cylinder» version reads access media from both sides. It can be applied in special areas, such as hospitals or banks, insurance companies or public buildings. The version «half cylinder» is suitable for indoor sites like furniture, offices, server rooms or facility management in general.

U-Line

Provides capacity for an unlimited amount of access media. Temporary access rights can be programmed both in the cylinder lock and in access media. The «TwinTime» function compares the access right period of the door with the one in the medium. Access is only granted if both time windows correspond. In this way, lost keys or cards automatically lose their access authorization. The CardLink™ function offers seamless integration into the Kaba exos online world.



Programming

User-friendly access authorization can be programmed and managed with

- the Master media (key or card)
- the portable programming device or
- the «Kaba elo manager» software.

Special applications

- Fire-proof doors according to EN 1634
- Anti-panic and emergency exit doors: depending on the type of lock

Benefits

- High security level combined with maximum flexibility
- The CardLink™ function allows an integration into the Kaba online world
- Easy and fast installation (stand-alone)
- Combinable with mechanical and mechatronic Kaba cylinders
- User-friendly: optical and acoustic signalization
- Various finishes for a multitude of applications
- Sabotage-proof with anti-drill protection as a standard (exception: half cylinder version)
- Flexible time programming for permanent and/or temporary access privileges
- Day/Night and office functions (TimePro)
- Memory TraceBack of the last 1000 door transactions for T- and U-Line

Technical data

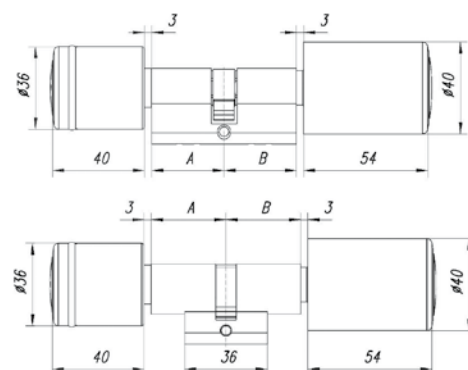
- Battery: one commercial lithium CR2
- Designation: CE
- Number of Master B media: max. 200 per cylinder
- Number of user media: max. 2400 per cylinder
- Protection: outside knob IP54, splash-proof (exception: half cylinder version meets IP40)
- Temperature range:
 - Outside knob: -25 to +70 °C
 - Inside knob: 0 to +50 °C
- Humidity: 0 to 95% rH, condensation not permitted
- Protection class: VdS Gr. B, according to cylinder version

Versions

Standard (double), dual reading and half cylinder versions available in both 17mm Euro and 22mm round (Swiss) profile.

Dimensions

- Euro profile 17 mm A/B side: from 27.5/27.5 mm in 5-mm steps on each side up to 125 mm total length
- Round profile 22 mm A/B side: from 32.5/32.5 mm up to 125 mm total length



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