



Libra

PRODUCT:

Double knob electronic cylinder.

APPLICATION:

Thanks to the quick and easy installation, the electronic cylinder LIBRA is the ideal and universal access control solution both for the replacement of mechanical European profile cylinders and for installation on new doors.

Together with ARIES electronic trim set, LIBRA represents a complete range fulfilling any need for access control management both for community and residential environment (shopping malls, industries, public and private offices, schools and universities, hospitals and retirement homes, residences and hotels, etc.).

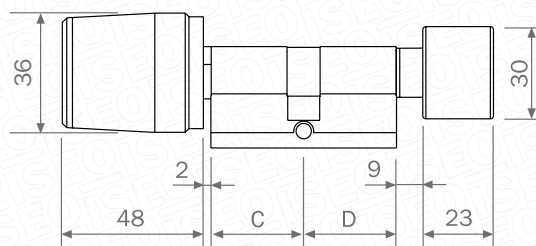
KEY POINTS:

The electronic cylinder LIBRA can be installed in most of the doors equipped with an European profile cylinder hole (EN1303).

It is battery operated, so it doesn't require any electrical external cabling. The result is the best flexibility and cost effectiveness of installation, both in new doors and in retrofitting.

The high modularity of the cylinder, obtained thanks to its patented design, drastically reduces the number of components required to build all the versions and measures necessary to cover the wide range of potential installations, with consequent reduction of components stocks, better flexibility and fast reaction to customer requests.

The unique and innovative design, combined with the finishes and colors available, allows the smooth integration in any architectural contexts.



INTERNATIONAL AWARDS:

ADI Design Index 2013 selected as one of the most innovative products.

Compasso d'Oro ADI XXIII
Honourable Mention, Milan, May 2014

German Design Award 2015 - Nomination

IFSEC's Security & Fire Excellence Awards - Finalist



TECHNICAL FEATURES:

RFID Reader:

- Multistandard 13,56 Mhz:
- ISO14443A (Mifare Classic, Plus, Desfire)
- ISO14443B (i.e. ST microprocessor cards)

Patented system for Wake up by RFID card or Phone to optimize power consumption

Communication interface:

- RFID Near Field Magnetic communication

Real Time Clock/Calendar

Main batteries:

- 1 X 2/3A ER17335M 3.6Vcc lithium battery
- Battery replacement from outside with door closed.

Battery life (endurance):

- Up to 5 years (*)
- Up to 50,000 opening (*)
- 3 levels battery charge detection

Signals:

- Visual red and green on 360 ring
- Acoustic buzzer

Software:

- "Sirio" or "V364" management software version available
- OEM development platform available
- On-site software upgrading

Finishes (metal part):

- Inox
- Polished Inox
- Satin brass
- Polished brass

Colors (plastic parts):

- Glossy black
- Glossy white
- Special colors and logo print on request

MAIN FUNCTIONS:

- Multistandard RFID Reader (ISO14443A/ISO14443B/13,56MHz)
- Wake up by RFID card or phone detection (patented) or Real Time Clock.
- Low consumption battery operated.
- Permanently open mode (office mode) without extra battery consumption.
- Batteries voltage monitoring.
- Real Time Clock/Calendar.
- Compact size and innovative design.
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN1303, DIN 18252).
- Very easy and quick installation.
- Heavy Duty version with drilling protection over cylinder core and IP66/IP67/IP69 grading.
- Optical and acoustic signalling.
- On-site software upgrading.
- 4 finishes and 2 colors.

LIBRA CONFIGURATIONS:

- Electronic knob outside (freely rotating) and mechanical knob inside (Standard or Premium version)
- Electronic knob outside (freely rotating) and inside (freely rotating)
- Half cylinder with electronic knob outside (freely rotating)
- Version for panic lock (freely rotating with cam returning in vertical position)
- Version compatible with Defender
- Internal usage version (IP54)
- Allweather outdoor usage version Heavy Duty (IP66)
- Special versions:
 - oval scandinavian body
 - oval australian body
 - round ANSI body

MIFARE is a NXP Semiconductors-owned trademark.

TECHNICAL FEATURES:

Mechanical lockcase compatibility:

- Euro profile cylinder hole (EN1303, DIN18252)

Door thickness:

- Up to 120 mm (standard execution)
- Up to 140 mm (special execution)

Environmental characteristics:

- Operating temperature: -20°C ÷ +70°C
- Storage temperature: -25°C ÷ +75°C
- Protection system (IP grading): IP54 (IP66/IP67/IP69 for Heavy Duty version)

Electronic knob dimensions:

- External diameter: from 36 mm to 39 mm
- Length: 46 mm

Mechanic knob "Standard" dimensions:

- External diameter: 30 mm
- Length: 31 mm

Mechanic knob "Premium" dimensions:

- External diameter: from 36 mm to 39 mm
- Length: 46 mm

Stator dimensions (double knob version):

- Minimum 30-30 mm
- Steps 5 mm
- Maximum total length 140 mm

Stator dimensions (half cylinder version):

- Minimum 30-10 mm
- Steps 5 mm
- Maximum 90-10 mm

Certification:

- EN15684:2013-01 classification
- IP54 internal version 16B4AF3Ø
- IP66 Heavy Duty version 16B4AF32
- SKG*** for HD (Heavy Duty) version

(*) Depending on usage, environment, options.