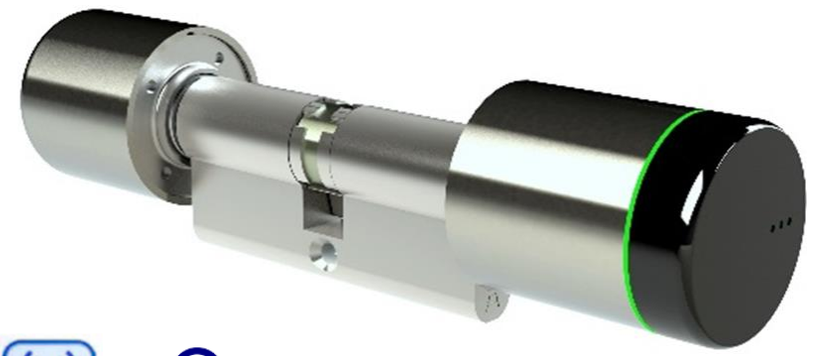
V2S Proximity Knob Cylinder

Wireless - Openow



FUNCTIONALITY

The TESA proximity knob cylinder turns any door with a standard mechanical cylinder into advanced access control. It is an opening and closing device that is simple, effective and easy to install

Door unlock using RFID proximity credentials, Openow Bluetooth BLE app or wireless remote opening app

Autonomous operation, unwired installation, battery powered

Ergonomic design. It allows its installation on all types of doors (wood, metal, glass, etc.), compatible with 15" cam european profile cylinders. Ideal for retrofit operations where you can keep part of the installation, the door or the mortise lock, or you simply cannot install an electronic lock or electronic wall reader

READING AND WRITING MODE (R/W)

- Collect events registered in the locks through the user card: control of their activities, attempts to access out of time table and shifts, low batteries, etc.
- Check the battery status of the locks without having to test the lock
- New user Registration of users in the system without the need to reprogram the lock
- Extension of guests' stay and modification of grants through additional updaters

WIRELESS

Proximity knob cylinders can work as a wired device online, but completely autonomously thanks to the TESA Hotel wireless system. The cylinders and the software communicate in real time through wireless hubs, instantly collecting all the information registered in the cylinder:

•User / guest access, unauthorized opening attempts and after hours opening attempts, remote reporting of locks with low batteries

•Update at real time of any changes made in the software database: User / guest registrations / deletions. Remote door opening from the software. Remote registration of interior handle activation. Remote activation step mode. Locking / unlocking the door. Time setting

•Full remote control of the cylinder. Remote opening through the software or through the TESA HOTEL app

OPENOW - BLE

OPENOW app for smartphone (Bluetooth Low Energy) available in the markets for iOS and Android. The solution allows:

•Make a remote check-in before guests arrival to the hotel, avoiding having staff at the hotel reception 24/7

•Extended stay of guests and the possibility of giving access to common areas without having to go through reception

•Savings on plastic cards. Also there is no possibility that any card will be lost, damaged or stolen

CREDENTIALS

The proximity identification tag can be a card, keyring, bracelet, smartphone, etc...

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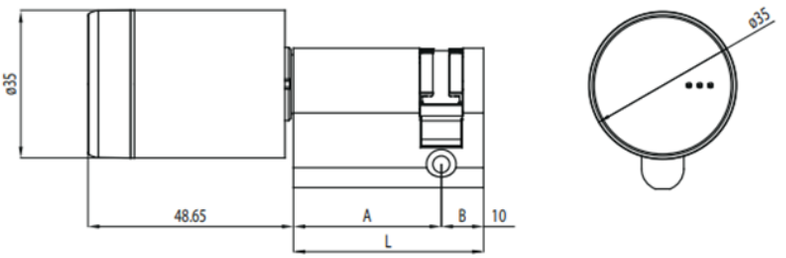
DIMENSIONS

European profile cylinder:

Option: half cylinder, exterior electronic - interior mechanical knob, double proximity cylinder on both sides, exterior electronics - interior button knob.

Variety of knob body finishes (stainless steel, satin brass PVD, black, white) combined with black / white antenna:



TECHNICAL FEATURES

Electronic features:

READING MODULE:

- Identification technology RFID 13,56MHz Read and Write contactless chip, Mifare CLASSIC 1K and 4K, Mifare Ultralight, iClass, DESfire, ISO 15693 SKIDATA
- Reading distance: 2 to 4cm
- Warning LED blue and red. Different warnings: authorized or denied access, low battery level, blocked etc.

CONTROL MODULE:

- Non volatile memory
- 3000 users and 1000 events
- Clock and calendar in real time: 30 time zones with 5 periods of time each

BATTERY MODULE:

- Low battery consumption, 60000 cicles / 2 years standby
- Types of batteries: 1alkaline batterie CR123A (3V)
- Batteries easily changed without having to dismount the cylinder. Mantains clock and calendar up to 5 minutes without battery

Mechanical features

LOCK MECHANISM:

- The motorized clutch activates the spindle part of the external knob, knob spin loose
- Emergency opening through portable programmer

MODELS AND DIMENSIONS:

- Different size for different door profiles (5mm intervals size) max. 160mm)
- Half cylinder
- Exterior electronic cylinder – internal knob
- Double electronic cylinder
- Exterior electronic cylinder – internal thumbturn

OPERATION CONDITIONS:

- Humidity: Up to 85% without condensation
- Temperature: -20ºC to 70ºC+
- UNE EN 1634 : 2000.
- IP56 (extreme model) / IP52 (standard model)
- CE (EMC / R&TTE)
- RED / ROHS, REACH, WEE
- Durability EN15684, Grade 6

EXTREME Option

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