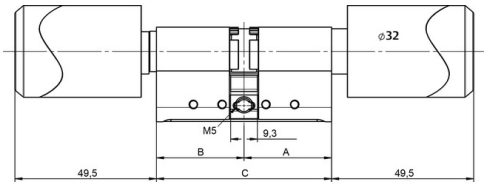
C100 EURO

ASSA ABLOY Opening Solutions

Metal double knob cylinder Euro Profile - for use in indoor areas



Product description

- Wireless Aperio Escutcheon which can be integrated into any access control system via AADP protocol integration or via Aperio Wiegand Hub.
- Compatible with all DIN mortice locks, suitable for locks on glass door wings and walls
- Main electronics (RFID + radio) in the outside knob - secure electronics inside cylinder core
- Freely rotating lock cam
- Outside knob free wheeling - inside knob always engaged (not for VERSION= E/ED, ED/ED)
- Override Credentials: Up to 10 override credentials can be stored for an emergency access in case of failure or no communication with the access control or the hub.
- Smart Credential Handling: In addition to the override credentials, the last valid credentials (up to 1000) can be cached automatically and for a limited time (up to 30 days), so that an opening can still be made without the intervention of the administrator.
- LED for status visualisation

Scope of delivery

- 1 double knob cylinder with battery (Lithium CR2) and installation instructions
- Screws and fixing material

Note

- ASSA ABLOY Sicherheitstechnik GmbH is using open source code in this product. For more information visit http://www.assaabloy.com/com/global/opensourcelicense/
- * It should be observed that harsh environments may affect product operability (excessive humidity, salt, extreme temperatures)

Suitable ASSA ABLOY products

- RS485 Communication Hub
- Aperio® IP Communication Hub
- Wiegand Interface (Advanced Wiegand) Communication Hub

Accessories/Individual parts

- Spare battery (Order number: 99 0x_Battery)
- Turning aid for knob (Order number: KnobSleeve)
- Aperio PAP tool and wireless dongle (Order number: 99 04_PAP tool)

Technical data - Metal double knob cylinder

Offline and Online operation modes	Aperio® Online; Aperio® Offline; Standard OSS Offline
Approvals	CE; fire door up to T90
Version	Fix or demountable knob versions with or without RFID-Reader
Knob dimensions	43 x 32 mm (L x Ø)
Knob surface	Stainless steel
Cylinder length (LENGTH=A/LENGTH=B)	Basic length 30/30 mm, extendable in 5 mm increments up to 60 mm
Fixing screw	85 mm
Battery	1 x Lithium CR2
Battery life	10 openings per day for 27 months
Radio standard	IEEE 802.15.4 (2.4 GHz)
Encryption (radio communication)	AES 128 bits
Distance between the RFID-Reader and hub	Up to 25m depending on the building environment

ASSA ABLOY Access Control
School Street
Willenhall
West Midlands
WV13 3PW
United Kingdom
Phone: 0845 070 6222
Email: aperio@assaabloyuk.com

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	Class of protection	IP65*
	Operating temperature range	-20° to +55°C
	Status	LED (red/green/orange)
	RFID Technologies (Based on reader type)	High Frequency: iCLASS®/ISO 14443B; MIFARE Classic® / MIFARE® DESFire® EV1&EV2; Legic: LEGIC® (Advant, Prime, ISO/IEC14443 UID, ISO/IEC15693 UID); Optional MIFARE® Support
	RFID reading	UID / Sektor / Block / Application / File
	RFID Reading range	< 4 cm
	Communication interfaces	Wireless communication (USB Dongle) or Micro USB Interface

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