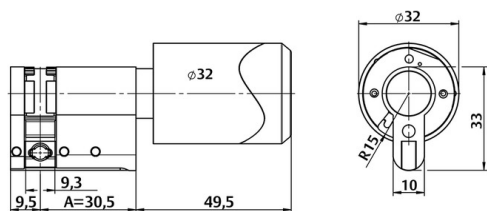


C100 EURO

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

ASSA ABLOY
Opening Solutions



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
- 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 single 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/opensource/>
- * It should be observed that harsh environments may affect product operability (excessive humidity, salt, extreme temperatures)

Suitable ASSA ABLOY products

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

Accessories/Individual parts

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




Technical data - Metal single knob cylinder

	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 mm, extendible in increments of 5 mm 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
	Class of protection	IP65*
	Operating temperature range	-20° to +55°C

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	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
		UID / Sektor / Block / Application / File
	RFID reading	UID / Sektor / Block / Application / File
	RFID Reading range	< 4 cm
	Communication interfaces	Wireless communication (USB Dongle) or Micro USB Interface
	Offline and Online operation modes	Aperio® Online; Aperio® Offline; Standard OSS Offline