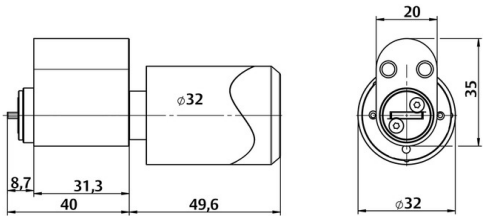
C100 SCAND

ASSA ABLOY Opening Solutions

Metal single knob cylinder Scandinavian Profile - for use in indoor Areas

OSS STANDARD OFFLINE



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 Scandinavian mortice locks - in wooden, steel and tubular-frame doors
- 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

- * 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

Offline and Online operation modes	Aperio® Online; Aperio® Offline; Standard OSS Offline
Approvals	CE
Knob dimensions	43 x 32 mm (L x Ø)
Knob surface	Stainless steel
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	IP 65*
Operating temperature range	-20° to +55°C
Status	LED (red/green/orange)

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	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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