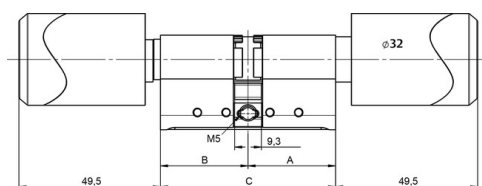


# C100 EURO

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

## Technical data - Metal double knob cylinder

	<b>Offline and Online operation modes</b>	Aperio® Online; Aperio® Offline; Standard OSS Offline
	<b>Approvals</b>	CE; fire door up to T90
	<b>Version</b>	Fix or demountable knob versions with or without RFID-Reader
	<b>Knob dimensions</b>	43 x 32 mm (L x Ø)
	<b>Knob surface</b>	Stainless steel
	<b>Cylinder length (LENGTH=A/LENGTH=B)</b>	Basic length 30/30 mm, extendable in 5 mm increments up to 60 mm
	<b>Fixing screw</b>	85 mm
	<b>Battery</b>	1 x Lithium CR2
	<b>Battery life</b>	10 openings per day for 27 months
	<b>Radio standard</b>	IEEE 802.15.4 (2.4 GHz)
	<b>Encryption (radio communication)</b>	AES 128 bits
	<b>Distance between the RFID-Reader and hub</b>	Up to 25m depending on the building environment
	<b>Class of protection</b>	IP65*
	<b>Operating temperature range</b>	-20° to +55°C
	<b>Status</b>	LED (red/green/orange)
	<b>RFID Technologies (Based on reader type)</b>	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
	<b>RFID reading</b>	UID / Sektor / Block / Application / File
	<b>RFID Reading range</b>	< 4 cm

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## Communication interfaces

Wireless communication (USB Dongle) or Micro USB Interface