



// FEATURES

- ❑ Flexible thanks to the modular design: The Cylinder AX can be quickly and efficiently adapted to any door thickness thanks to individually adjustable cylinder lengths (EU).
- ❑ Room for beauty: the Cylinder AX not only impresses with its appearance, but also thanks to its pleasant touch with ergonomic thumb-turns.
- ❑ Drilling protection protects the actuator electronics and the cylinder profile (Euro Profile) against external attacks.
- ❑ Maximum data security thanks to the integrated secure element. Very long battery life (up to 12 years on standby).
- ❑ Operational reliability is vital. That is why we have invested in the mechanical and electronic quality and stability of the AX cylinder. The test for long-term functional reliability was passed with 1.5 million operations (or 750,000 test cycles).
- ❑ Made in Germany. A given for us.

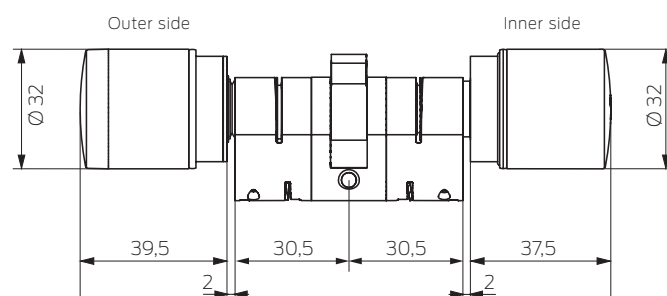
// TECHNICAL DATA

Variants	❑ Euro Profile Cylinder (EU) ❑ Swiss Round Cylinder (SR) ❑ Scandinavian Oval (SO)	Battery life Wireless Online (WO)	Up to 9 years stand-by or 100,000 operations (standard)
Door dimensions (variant-dependent)	from 30–30 mm (EU/SR) Short cylinder 20–25 mm (EU) ❑ Reader thumb-turn: Plastic cover, black ❑ Rotary thumb-turn: stainless steel ❑ Diameter: 32 mm	Battery life Offline: SVCN Offline: OSS SO	Up to 10 years stand-by or 150,000 operations (standard)
Operation types	❑ Wireless Online (WO) ❑ Offline: SimonsVoss Virtual Card Network (SVCN) ❑ Offline: OSS Standard Offline (OSS SO)	Temperature range	Operating: -25 °C to +65 °C (as per EN 15684)
Reader systems	❑ WO: MIFARE® Classic, MIFARE® DESFire® EV1/EV2/EV3, UID (card serial number) as per ISO 14443 (e.g. MIFARE®, Legic® Advant, HID® SEOS) ❑ VCN: MIFARE® Classic, MIFARE® DESFire® EV1/EV2/EV3 ❑ OSS: MIFARE® DESFire® EV1/EV2/EV3	Feedback signal	❑ Audible (buzzer), ❑ Visual (LED – green/red)
Number & type of battery	2 x CR 2450, 3 V lithium	IP Classification	❑ IP54 (Standard) ❑ IP67 (Weatherproofed)
		Upgradeable via BLE	Firmware upgradeable
		Integrator-specific values: number of media, time profiles,..	Depends on system integrator
		Storable access events	Up to 1000
		Wireless network 868 MHz	Network-ready with integrated LockNode (WO)
		Certificates	❑ DIN EN 15684:2021 Classification 16B40D3D (standard/VdS) ❑ EN 1627 (RC4)

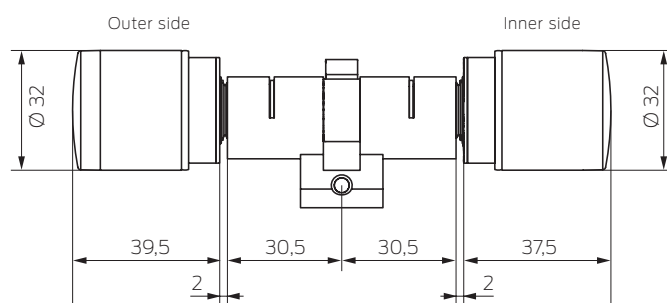
// DIMENSIONS



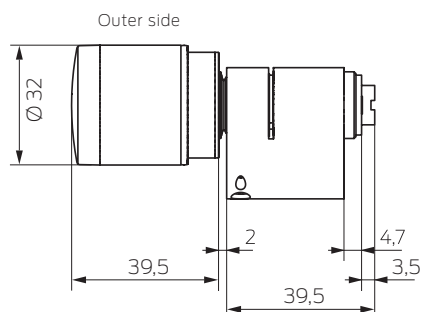
// SMARTINTEGO DIGITAL EURO PROFILE CYLINDER AX



// SMARTINTEGO DIGITAL SWISS ROUND CYLINDER



// SMARTINTEGO DIGITAL SCANDINAVIAN OVAL CYLINDER AX



See price list for further variants, options and accessories.

Measurements indicated in mm