



// 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.

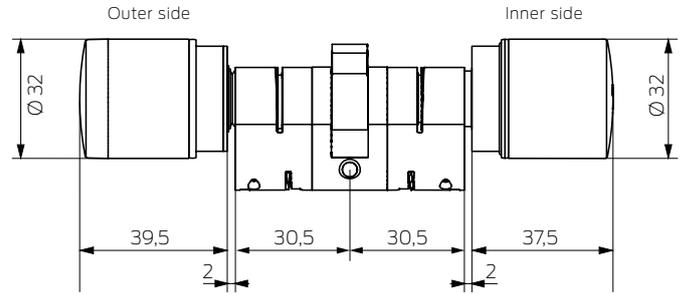
// TECHNICAL DATA

<p>Variants</p> <ul style="list-style-type: none"> ❑ Euro Profile Cylinder (EU) ❑ Swiss Round Cylinder (SR) ❑ Scandinavian Oval (SO) 	<p>Battery life Wireless Online (WO)</p> <p>Up to 9 years stand-by or 100,000 operations (standard)</p>
<p>Door dimensions (variant-dependent)</p> <p>from 30–30 mm (EU/SR) Short cylinder 20–25 mm (EU)</p> <ul style="list-style-type: none"> ❑ Reader thumb-turn: Plastic cover, black ❑ Rotary thumb-turn: stainless steel ❑ Diameter: 32 mm 	<p>Battery life Offline: SVCN</p> <p>Up to 10 years stand-by or 150,000 operations (standard)</p> <p>Offline: OSS SO</p> <p>Temperature range</p> <p>Operating: -25 °C to +65 °C (as per EN 15684)</p>
<p>Operation types</p> <ul style="list-style-type: none"> ❑ Wireless Online (WO) ❑ Offline: SimonsVoss Virtual Card Network (SVCN) ❑ Offline: OSS Standard Offline (OSS SO) 	<p>Feedback signal</p> <ul style="list-style-type: none"> ❑ Audible (buzzer), ❑ Visual (LED – green/red)
<p>Reader systems</p> <ul style="list-style-type: none"> ❑ 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 	<p>IP Classification</p> <ul style="list-style-type: none"> ❑ IP54 (Standard) ❑ IP67 (Weatherproofed)
<p>Number & type of battery</p> <p>2 x CR 2450, 3 V lithium</p>	<p>Upgradeable via BLE</p> <p>Firmware upgradeable</p> <p>Integrator-specific values: number of media, time profiles,..</p> <p>Storable access events</p> <p>Up to 1000</p> <p>Wireless network 868 MHz</p> <p>Network-ready with integrated LockNode (WO)</p> <p>Certificates</p> <ul style="list-style-type: none"> ❑ DIN EN 15684:2021 Classification 16B40D3D (standard/VdS) ❑ EN 1627 (RC4)

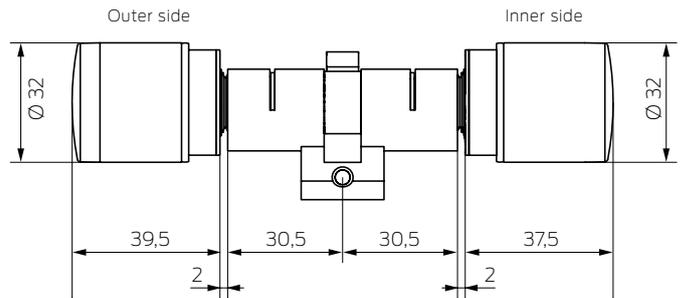
// DIMENSIONS



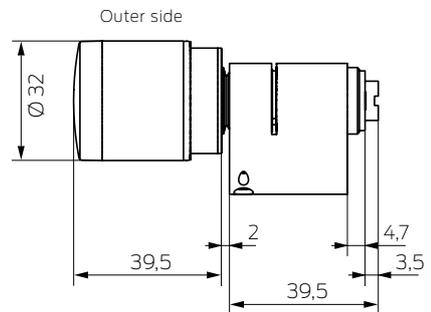
// SMARTINTEGO DIGITAL EURO PROFILE CYLINDER AX



// SMARTINTEGO DIGITAL SWISS ROUND CYLINDER



// SMARTINTEGO DIGITAL SCANDINAVIAN OVAL CYLINDER AX



See price list for further variants, options and accessories.

Measurements indicated in mm

PDSI-DCAX-EN - 2025.08