



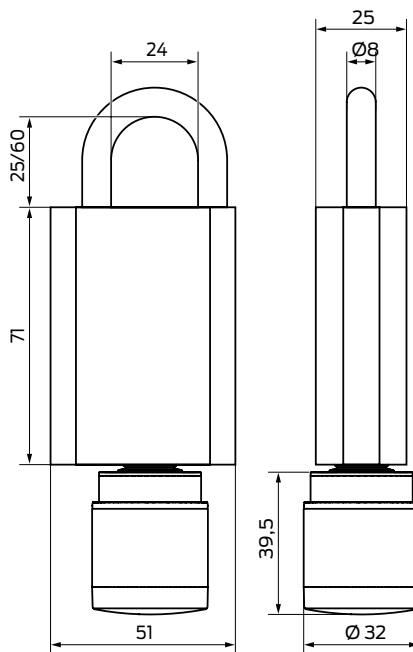
// FEATURES

- ❑ Room for beauty: the Cylinder AX not only impresses with its appearance, but also its touch thanks to its pleasant ergonomic thumb-turn.
- ❑ The product is available in manual locking and self-locking versions.
- ❑ Drilling protection protects the actuator electronics and the cylinder profile (Euro Profile and Scandinavian Oval) against external attacks.
- ❑ Optimum data security: The SecureElement stores the encrypted system data and forms part of the new AX security architecture. This special chip is an integral part of authentication and protects securely against external attacks.
- ❑ Operational reliability is crucial. That is why we have invested in mechanical and electronic quality and stability with the AX Cylinder. The test for long-term functionality was passed with 1.5 million actuations (or 750,000 test cycles).
- ❑ German-made. A given for us.

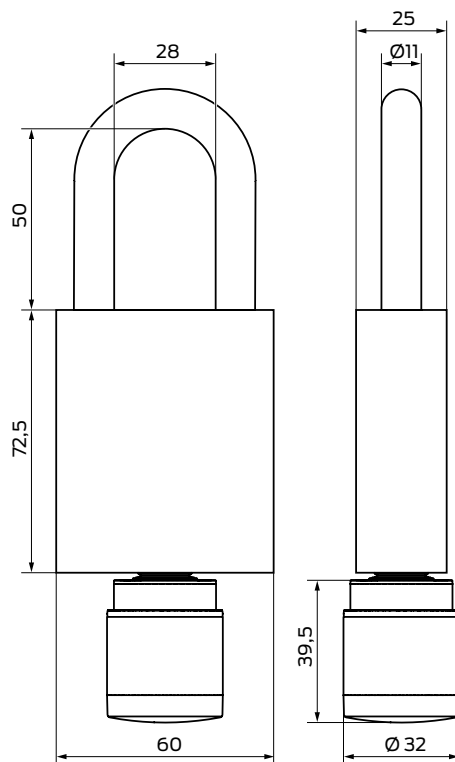
// TECHNICAL DATA

Dimensions of base body without thumb-turn/shackle	70 × 51 × 25 mm (8 mm shackle) or 72.5 × 60 × 25 mm (11 mm shackle)	Quantity & Battery type	2 x CR 2450, 3 V lithium
Shackle diameter	8 mm/11 mm	Battery life Wireless Online (WO)	Up to 9 years stand-by or 100,000 operations (standard)
Inside height of shackle	25/60 mm (8 mm shackle) or 50 mm (11 mm shackle)	Battery life Offline: SVCN Offline: OSS SO	Up to 10 years stand-by or 150,000 operations (standard)
Thumb-turns	Reader thumb-turn: Plastic cover black Rotary thumb-turn: stainless steel Diameter: 32 mm	Temperature range	Operation: -25 °C to +65 °C
Operation types	❑ Wireless Online (WO) ❑ Offline: SimonsVoss Virtual Card Network (SVCN) ❑ Offline: OSS Standard Offline (OSS SO)	IP Classification	❑ IP54 (Standard) ❑ IP67 (Weatherproofed)
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	Upgradeable via BLE	Firmware upgradeable
		Integrator specific values: number of media, time profiles, ...	Depending on system integrator
		Storable accesses	Up to 1,000
		Wireless network 868 MHz	Directly network-ready with integrated LockNode (WO)
		Certificates	❑ DIN EN 15684:2021 Classification key 16B40D3D (standard/VdS) ❑ Class 3 (shackle diameter 8 mm) or Class 4 (shackle diameter 11 mm) as per EN 12320 (lock body)

// **DIMENSIONS** (SHACKLE DIAMETER 8 MM)



// **DIMENSIONS** (SHACKLE DIAMETER 11 MM)



See price list for further variants, options and accessories Digital padlocks AX SmartIntego.

Measurements indicated in mm