



// FEATURES

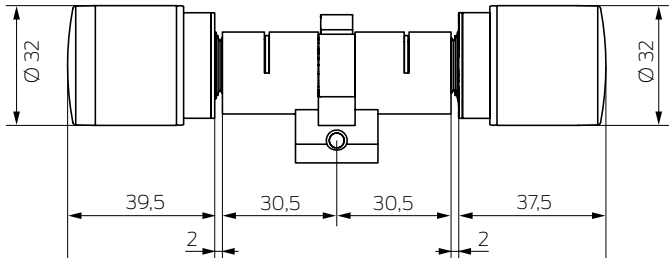
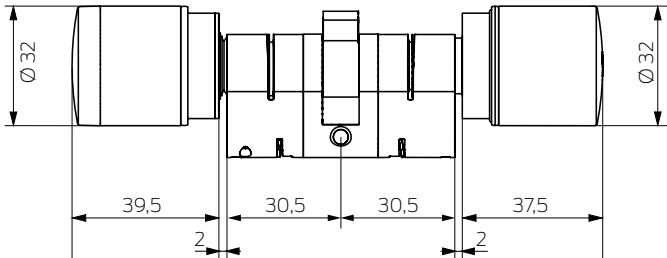
- ❑ Optimum reliability: the SecureElement stores the encrypted system data and is part of the new AX security architecture. This special chip is an integral part of authentication and safely protects against external attacks.
- ❑ Drilling protection protects the actuator electronics and the cylinder profile (Euro Profile) against external attacks. Certified attack resistance: Top classification code as per EN 15684/DIN 18252. Can be used in burglary-resistant doors up to resistance class RC 4 as per EN 1627.
- ❑ Whether active, passive or hybrid – various reading variants are possible at any time and are supported with Bluetooth Low Energy (BLE) technology.
- ❑ Flexible thanks to its modular design: the Cylinder AX can be quickly and efficiently adapted to any door thickness thanks to individually adjustable cylinder lengths (EU).
- ❑ Extremely long battery life with up to 10 years on stand-by.
- ❑ Future-proof investment forms part of the SimonsVoss promise. The Digital Cylinder AX can be integrated into an existing system (backwards compatible with existing components).
- ❑ Room for beauty: the Cylinder AX not only impresses with its appearance, but also with its comfortable touch ergonomic thumb-turns.
- ❑ Greater ease of use thanks to visual and audible feedback signals.
- ❑ Made in Germany. A given for us.

// TECHNICAL DATA

Profiles	<ul style="list-style-type: none"> ❑ Euro Profile Cylinder (EU) ❑ Swiss Round Cylinder (SR) 	Temperature range	Operational: -25° C to +65° C (in accordance with EN 15684)
Basic length	from 30 – 30 mm (EU/SR) Short cylinders from 20 – 25 mm (EU) Can be ordered and extended in 5 mm increments up to 90 mm per side (EU) (other lengths on request)	Protection rating	IP54 (standard) / IP67 (option .WP)
Thumb-turns	Reader thumb-turn: Plastic cover black grey (RAL 7021) Rotary thumb-turn: stainless steel Diameter: 32 mm	Signalling	Audible (buzzer) and/or Visual (LED – green/red)
Reader systems	<ul style="list-style-type: none"> ❑ Active transponder technology 25 KHz ❑ Passive technology (MIFARE® DESFire®) ❑ Hybrid technology (active and passive) ❑ Bluetooth Low Energy (BLE) 	Offline storable accesses (.ZK option)	Up to 3,000
Operation types	Offline, virtual network and online (can be combined)	Time zone groups	100+1
Battery type	2 x CR 2450, 3 V lithium	Max. number of media per cylinder	Up to 64,000
Battery life	Up to 10 years on standby or 100,000 activations (standard)	Radio network 868 MHz	Network-ready with integrated LockNode (can be retrofit)
		Can be upgraded	Firmware upgradable via BLE
		Certificates	<ul style="list-style-type: none"> ❑ DIN EN 15684:2021 : Classification 16B40D3D (standard / VdS) ❑ DIN 18252:2018 : classification key EE6DFZG (standard) / EE6DR1 (anti-panic) ❑ VdS class BZ: .VdS option ❑ SKG **: .SKG option ❑ SSF 3522: Class 5 applied for

// DIMENSIONS (EURO PROFILE / EU)

// DIMENSIONS (SWISS ROUND / SR)



// PRODUCT VERSIONS



DIGITAL EURO PROFILE CYLINDER AX

Digital Euro Profile Double Thumb-Turn Cylinder AX – Comfort; inner side is permanently engaged to open; installation length: 30–30 mm; modular in length; stainless steel thumb-turns detachable; integrated drilling protection; can be operated with SimonsVoss transponders	SV-Z5.EU.CO.30-30.A.G2
Digital Euro Profile Double Thumb-Turn Cylinder AX – Freely Rotating; freely rotating and reader on both sides, installation length 30–30 mm; modular in length; stainless steel thumb-turns detachable; integrated drilling protection; can be operated with SimonsVoss transponders	SV-Z5.EU.FD.30-30.A.G2
Digital Euro Profile Half Cylinder AX; installation length 30–10 mm; modular in length; stainless steel thumb-turn detachable; integrated drilling protection; can be operated with SimonsVoss transponders	SV-Z5.EU.HZ.30-10.A.G2



DIGITAL SWISS ROUND CYLINDER AX

Digital Swiss Round Cylinder AX – Comfort; inner side is permanently engaged; installation length 30–30 mm; stainless steel thumb-turns can be detached, integrated drilling protection; can be operated with SimonsVoss transponders	SV-Z5.SR.CO.30-30.A.G2
Digital Swiss Round Cylinder AX – Freely Rotating; freely rotating and reader on both sides; installation length: 30–30 mm; stainless steel thumb-turns detachable; integrated drilling protection; can be operated with SimonsVoss transponders	SV-Z5.SR.FD.30-30.A.G2
Digital Swiss Round Half Cylinder AX; installation length 30–10 mm; stainless steel thumb-turn detachable; integrated drilling protection; can be operated with SimonsVoss transponders	SV-Z5.SR.HZ.30-10.A.G2



OPTIONAL READER SYSTEMS:

:: Passive technology (MIFARE® DESFire®)	.M.G2
:: Hybrid technology (active and passive)	.AM.G2

See price list for further variants, options and accessories.

Measurements indicated in mm