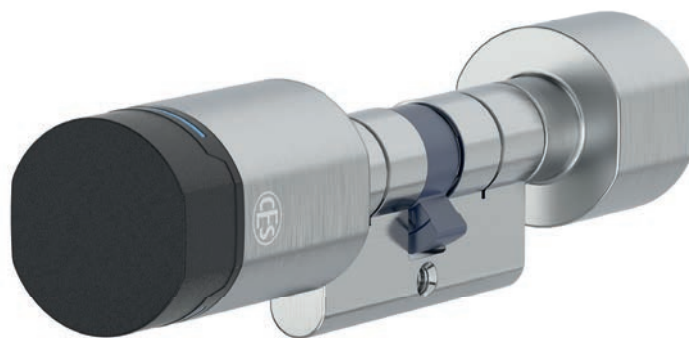


CEsentry electronic cylinders

Double knob cylinder EB815 | EB815/AP | EB615 | EB615/AP



EB815 Euro profile cylinder (standard)
EB815/AP Euro profile cylinder (anti-panic)



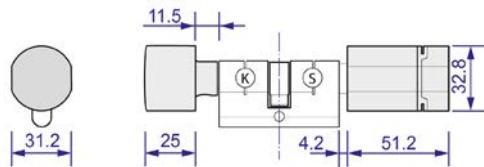
EB615 Swiss round cylinder (standard)



EB615/AP Swiss round cylinder (anti-panic)

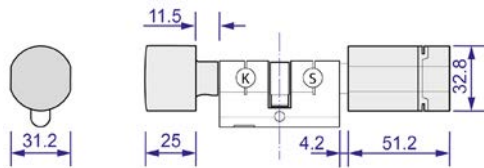
Dimensions

EU profile cylinder
EB815
EB915



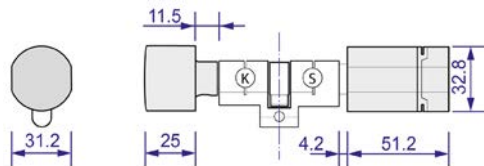
(K) Interior side (knob side)
(S) Exterior side (locking side)

Euro profile cylinder, anti-panic
EB815/AP
EB915/AP



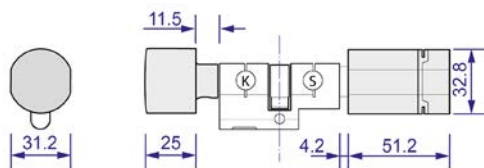
(K) Interior side (knob side)
(S) Exterior side (locking side)

Swiss round cylinder
EB615



(K) Interior side (knob side)
(S) Exterior side (locking side)

Euroswiss profile
Anti-panic
EB615/AP



(K) Interior side (knob side)
(S) Exterior side (locking side)

Extensions

Interior side (K) / all dimensions in mm (AP from 30.5)						Exterior side (S) / all dimensions in mm					
90.5	...	65.5	...	35.5	30.5	30.5	35.5	...	65.5	...	90.5
Max. axial dimension 90.5 mm Extensions in 5 mm increments						Max. axial dimension 90.5 mm Extensions in 5 mm increments					
Max. total length 181 mm											

Classification according to DIN EN 15684:2021-05

Property	Utilisation category	Lasting functionality	Fire/smoke resistance	Environmental stability	Mechanical key related security	Authorisation security	System management	Attack resistance
Classification of the electronic cylinder	1	6	B*	4	0	D	1/3**	0/(D)***

NOTE: Data in brackets () = in testing/preparation

* (Fire-/smoke resistance)	B	For use on fire-resistant and smoke-resistant doors (T120)
** (System management)	1	For variants with deactivated storage of access events
	3	For variants with activated storage of access events
*** (Attack resistance)	0	No requirement
	D	Burglar-resistant options (VdS BZ+ and SKG***)

Classification according to DIN 18252:2018-05

Property	Variant	Type	Key-related security	Attack resistance	Panic function
Classification of the electronic cylinder	E	E	0	0/B/D*	FZG/R1**

* Attack resistance (as per DIN EN 1303:2015-08)	B	5/10 minutes resistance to drilling; resistance to mechanical attack, excluding pulling out the plug/locking cylinder
	D	5/10 minutes resistance to drilling; resistance to mechanical attack
** Panic function	FZG	Standard version
	R1	AP version

Technical data

Article designation	EB815 EB815/AP EB615 EB615/AP
Use	The electronic cylinder provides authorised opening and closing of doors and locks with profile cylinder locks. Other locks that are not actuated with profile cylinders (e.g. cam cylinders, padlocks, etc.) are also available.
Versions	EB815 EURO electronic cylinder, E knob exterior, mechanical knob, internal EB815/AP EURO electronic cylinder, E knob exterior, mechanical knob, internal, with automatic lever reset EB615 CH electronic cylinder, E knob exterior, mechanical knob, internal EB615/AP EURO-CH electronic cylinder, E knob exterior, mechanical knob, internal, with automatic lever reset
Fire resistance rating	120 minutes in accordance with DIN EN 1634-1
Finishes	Stainless steel finish and black
Environmental conditions/service life	
Protection class	IP65
Temperature range	-25°C to +65°C at 0 to 95% rH non-condensing
Prohibited atmospheres	Not suitable for use in corrosive atmospheres (chlorine, ammonia, lime water)
Service life	100,000 cycles in accordance with DIN EN 15684, grade 6
Power/voltage supply	
Batteries	1x CR123A, lithium, 3 V, 1550 mAh
Battery life*	Max. number of opening/closing operations per battery Up to 70,000
Data retention after removal of battery	Date and time: min. 15 minutes Authorisations and other settings: unlimited
RTC precision	Approx. 1 minute per year within temperature range -20°C to +60°C
Supported standards	
Reading	LEGIC advant / MIFARE® DESFire®
Data transfer	Bluetooth® Low Energy
Online radio frequency	2.4 GHz IEEE 802.15.4
Reading distance	Up to 20 mm
Interfaces	OSS-SO
Certificates	
Classification	DIN EN 15684:2013-01
Protection class	Burglar-resistant VdS BZ+ and SKG*** (in preparation)
Programming	
Offline	Via Bluetooth® Low Energy with CESentry Desktop-Writer Via Bluetooth® Low Energy with smartphone (iOS/Android)
Online	Online network via Bluetooth® Low Energy with gateway (in preparation)
Data transfer	Encrypted 128-bit/AES
Memory	
Number of events	Max. 2,000
Number of locking media	Max. 5,000

*This information is valid for an ambient temperature of 20°C. Different temperatures, the type of use and locking device parameter settings may result in strongly divergent values.