

CEsentry electronic cylinders

Double knob cylinder

EB815 | EB815/AP | EB915 | EB915/AP

EB615 | EB615/AP



EB815 | EB915 Euro profile cylinder (standard)  
EB815/AP | EB915/AP Euro profile cylinder (anti-panic)



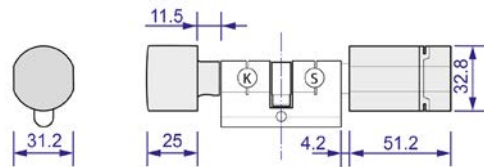
EB615 Swiss round cylinder (standard)



EB615/AP Swiss round cylinder (anti-panic)

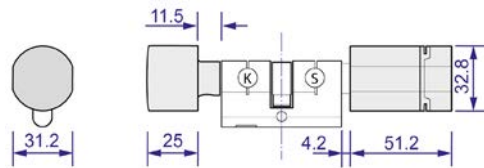
## Dimensions

EU profile cylinder  
EB815  
EB915



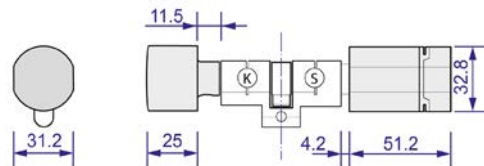
(K) Interior side (knob side)  
(S) Exterior side (locking side)

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



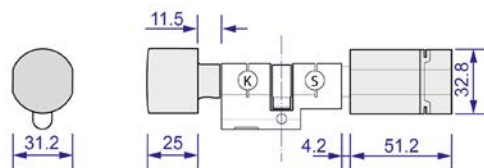
(K) Interior side (knob side)  
(S) Exterior side (locking side)

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***

\* (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

## 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/D*	FZG/R1**

\* Attack resistance 0 No requirement

(as per DIN EN 1303:2015-08) D 5/10 minutes resistance to drilling; resistance to mechanical attack

\*\* Panic function FZG Standard version

R1 AP version

## Technical data

<b>Article designation</b>	EB815   EB815/AP   EB915   EB915/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   EB915	EURO electronic cylinder, E knob exterior, mechanical knob, internal
	EB815/AP   EB915/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	
<b>Environmental conditions/service life</b>		
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	
<b>Power/voltage supply</b>		
Batteries	1x CR123A, lithium, 3 V, 1550 mAh	
Battery life <sup>1</sup>	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	
<b>Supported standards</b>		
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	
<b>Certificates</b>		
Classification	DIN EN 15684:2013-01	
Protection class	Burglar-resistant or burglar-resistant in accordance with SKG*** <sup>2</sup> (applies to EB815 and EB815/AP) and VdS BZ+ (applies to EB915 and EB915/AP; in preparation)	
<b>Programming</b>		
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	
<b>Memory</b>		
Number of events	Max. 2,000	
Number of locking media	Max. 5,000	

<sup>1</sup>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.

<sup>2</sup>The following applies to SKG\*\*\*: The faceplate screw must be 10 mm longer than the backset of the mortise lock. Corresponding lengths are available on request (standard length: 80 mm).