

CEsentry electronic cylinders

## Dummy cylinders

EB802 | EB802/AP | EB902 | EB902/AP

EB602 | EB602/AP



EB802 | EB902 Euro profile cylinder (standard)  
EB802/AP | EB902/AP Euro profile cylinder (anti-panic)



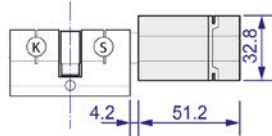
EB602  
Swiss round cylinder (standard)



EB602/AP  
Swiss round cylinder (anti-panic)

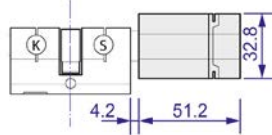
## Dimensions

EU profile cylinder  
EB802  
EB902



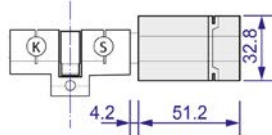
(K) Interior side (knob side)  
(S) Exterior side (locking side)

EU profile cylinder, AP  
EB802/AP  
EB902/AP



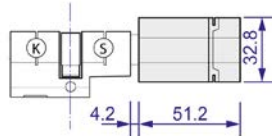
(K) Interior side (knob side)  
(S) Exterior side (locking side)

Swiss round cylinder  
EB602



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

Swiss round cylinder, AP  
EB602/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

## Technical data

<b>Article designation</b>	EB802   EB802/AP   EB902   EB902/AP   EB602   EB602/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	EB802   EB902	EURO electronic cylinder, E knob exterior, dummy cylinder interior
	EB802/AP   EB902/AP	EURO electronic cylinder, E knob exterior, dummy cylinder interior, with automatic lever reset
	EB602	CH electronic cylinder, E knob exterior, dummy cylinder interior
	EB602/AP	EURO-CH electronic cylinder, E knob exterior, dummy cylinder interior, 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 EB802 and EB802/AP) and VdS BZ+ (applies to EB902 and EB902/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).