

CEsentry electronic cylinders

Dual cylinders

EB8710 | EB 9710

EB6710



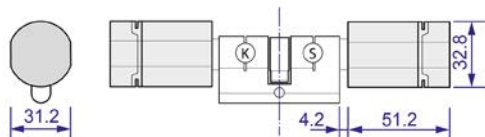
EB8710 | EB9710 EU profile cylinder



EB6710 Swiss round cylinder

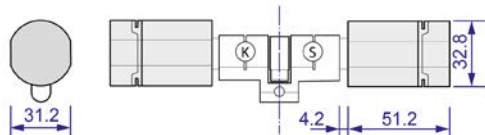
Dimensions

EU profile cylinder
EB8710
EB9710



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

Swiss round cylinder
EB6710



(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

Article designation	EB8710 EB9710 EB6710
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, padlock,s etc.) are also available.
Versions	EB8710 EB9710 EURO electronic cylinder, dual, E knob exterior, E knob interior EB6710 CH electronic cylinder, dual, E knob exterior, E knob interior
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 ¹	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 or burglar-resistant in accordance with SKG*** ² (applies to EB8710 and EB9710) and VdS BZ+ (applies to EB9710; 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

¹ 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.

² 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).