

CEsentry electronic cylinders

Dual cylinders EB8710 / EB6710



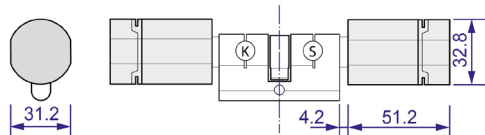
EB8710  
EU profile cylinder



EB6710  
Swiss round cylinder

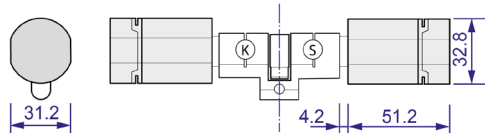
## Dimensions

EU profile cylinder  
EB8710



(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)***

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***)

## Technical data

<b>Article designation</b>	EB8710   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 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
<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*	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 VdS BZ+ and SKG*** (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

\*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.