Double knob cylinders EB815 / EB615

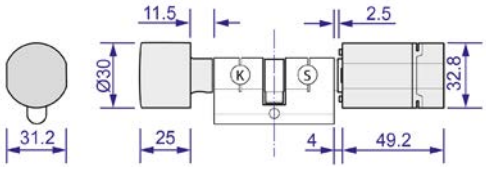
EB815
Euro profile cylinder (standard and AP)

EB615
Swiss round cylinder (standard)

EB615/AP
Swiss round cylinder (AP)

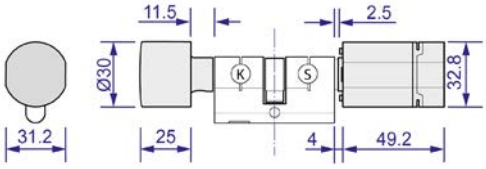
Dimensions

EU profile cylinder
EB815
EB915



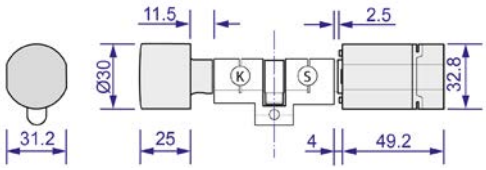
(K) Interior side (knob side)
(S) Exterior side (locking side)

EU profile cylinder, AP
EB815/AP
EB915/AP



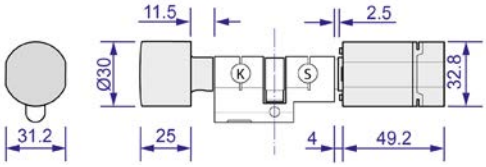
(K) Interior side (knob side)
(S) Exterior side (locking side)

Swiss round cylinder
EB615



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

Swiss round cylinder
AP and GS
EB615/AP



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

Extensions

<table>
<tr><td colspan="6">Interior side (K) / all dimensions in mm (AP from 30.5)</td><td colspan="6">Exterior side (S) / all dimensions in mm</td></tr>
<tr><td>90.5</td><td>...</td><td>65.5</td><td>...</td><td>35.5</td><td>30.5</td><td>30.5</td><td>35.5</td><td>...</td><td>65.5</td><td>...</td><td>90.5</td></tr>
<tr><td colspan="6">Max. axial dimension 90.5 mm
Extensions in 5 mm increments</td><td colspan="6">Max. axial dimension 90.5 mm
Extensions in 5 mm increments</td></tr>
<tr><td colspan="12">Max. total length 181 mm</td></tr>
</table>

Classification according to DIN EN 15684:2013-01

Property	Category of use	Durability	Fire/smoke resistance	Environmental stability	Mechanical key-related security	Electronic key-related security	System management	Attack resistance
Classification of the electronic cylinder	1	6	A/B*	4	A	F	0/1/3**	0/2***

* (Fire-/smoke resistance)	A	Standard version (= with smoke protection)
	B	FH version (T120)
** (System management)	0	For NoTime variants
	1	For variants with deactivated storage of access events
	3	For TIME, NET or V-NET variants
*** (Attack resistance)	0	No requirement
	2	Burglar-resistant options (VdS and SKG***)

Classification according to DIN 18252:2018-05

Property	Variant	Type	Key-related security	Attack resist-ance	Panic function
Classification of the electronic cylinder	E	E	6	0/D*	FZG/ R1**

* Attack resistance	0	No requirement
	D	Burglar-resistant (VdS and SKG***)
** Panic function	FZG	Standard version
	R1	AP version

Technical data

Article designation	EB815 | EB815/AP | EB615 | EB615/AP	
Use	The electronic cylinder is used for the authorized opening and locking of doors and locks with profile cylinder-operated locks. Other locks that are not operated with profile cylinders are available (e.g. lever cylinder, padlock, etc.).	
Versions	EB815	EURO electronic cylinder, E knob exterior, mechanical knob interior
	EB815/AP	EURO electronic cylinder, E knob exterior, mechanical knob interior, with automatic lever reset
	EB615	CH electronic cylinder, E knob exterior, mechanical knob interior
	EB615/AP	EURO-CH electronic cylinder, E knob exterior, mechanical knob interior, with automatic lever reset
Fire resistance rating	120 minutes as per DIN EN 1634-1 and 18273 (for devices with general building approval)	
Finishes	Stainless steel	
Dimensions		
Basic length	30.5 / 30.5 mm	
Ambient conditions and 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)	
Useful life	200,000 cycles in accordance with DIN EN 16867, grade 7	
Power/voltage supply		
Batteries	CR123A, 3 V (type Duracell Lithium)	
Data retention	Date and time: min. 15 minutes Authorisations and other settings: unlimited	
RTC precision	Approx. 1 minute per year within temperature range -20 to +60°C	
Supported standards		
Reading system	LEGIC advant, all locking media ISO 14443 MIFARE® DESFire®, all locking media ISO 14443 (not MIFARE Ultralight® C)	
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
Safety class	Optionally to DIN EN 18257 ES2-L or to NEN SKG***
Programming	
Offline	via Bluetooth® Low Energy with Desktop-Writer EB via Bluetooth® Low Energy with smartphone (iOS/Android)
Online	Online network via Bluetooth® Low Energy with gateway
Data transfer	Encrypted 128-bit/AES
Memory	
Number of events	Max. 2,000
Battery life*	
Standby without access operations	Up to 10 years
Standby with < 10 access operations per day**	Up to 6 years
Max. number of opening/ closing operations per battery**	Up to 100,000

*The information applies to an ambient temperature of 20°C. Different temperatures, usage frequency or locking device parameter settings may result in strongly divergent values.

**Assumption: 2 out of 10 access operations are made by smartphone via Bluetooth Low Energy (data TBC).