

CES OMEGA FLEX

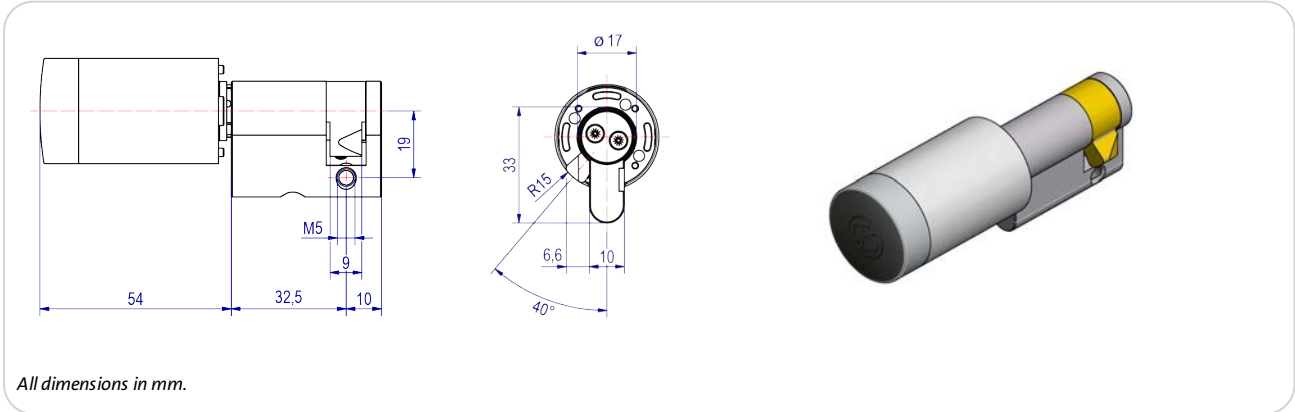
Electronic cylinder

Half cylinder for turning levers

Half cylinder with return springs and angled locking cams for use on server cabinets with turning levers. Enables the turning lever to be closed without the need for a locking medium.



Half cylinder for turning levers
(Turning levers not included in delivery.)



Technical data

Suitable locking media	
LEGIC version	All LEGIC prime and LEGIC advant-type locking media, all ISO 14443 locking media, HID iClass All others specified in "MIFARE version" below. Compatible with OSS-SO Standard with LEGIC advant and MIFARE DESFire
MIFARE version	MIFARE® Classic® (1k/4k), MIFARE® DESFire® EV1 and EV2 (UID according to ISO 14443 and application), all ISO 14443 locking media (not MIFARE Ultralight® C)
Reading range	Approximately 20 mm
Online radio frequency	868 MHz
RF range to Access-Point	Max. 25 m
Encrypted data transmission	128 bit/AES
Connection values	Battery: 1 x Panasonic CR2 Industrial Lithium 3,0 V 850 mAh
Number of locking media	Max. 5.000
Number of events	Max. 2.000
Number of master media	Max. 1 System-Master, max. 10 Program-Masters, max. 10 Time-Masters, max. 10 Release-Masters, max. 10 Block-Masters, max. 10 RF-Stick-Masters, max. 100 Emergency-Keys, unlimited RF-Ini-Masters, unlimited RF-Trace-Masters
Opening duration	2 to 180 seconds, adjustable (optional) (standard: 10 seconds)
Temperature range	-25 °C to +70 °C at 0 to 95% rH non-condensing
Prohibited atmospheres	Not suitable for use in corrosive atmosphere (chlorine, ammonia, lime water)
Programming	With master media, offline with an RF-Stick, CESTronics wireless online network, CESTronics V-NET virtual network
Finish	Stainless steel
CE testing	EN 300 220-1, 2; EN 300 330-1, 2; EN 301 489-1, 3; EN 60950-1, EN 62311
Fire resistance rating	T90 conforming to DIN EN 1634-1 (only for FH "F9..." electronic cylinders)

Classification conforming to DIN 18252:2018-05

Characteristic	Variant	Type	Key-related security	Attack resistance	Panic function
Classification of electronic cylinders	E	E	6	0 / D*	0

**Attack resistance

0	Standard version
D	Burglary proof in acc. with VdS and SKG***

Extensions

								(FH variants from 32.5)								Outside (S) /All dimensions in mm	
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Max. Axial dimension 87.5 mm. Extension in 5 mm steps.																	

Article numbers

FH*	Standard	AP	GS
No	F815-x-1/2-102	-	-
Yes	F915-x-1/2-102	-	-

*FH = Fire retardant, suitable for fire protection doors up to T90