

# CES OMEGA FLEX

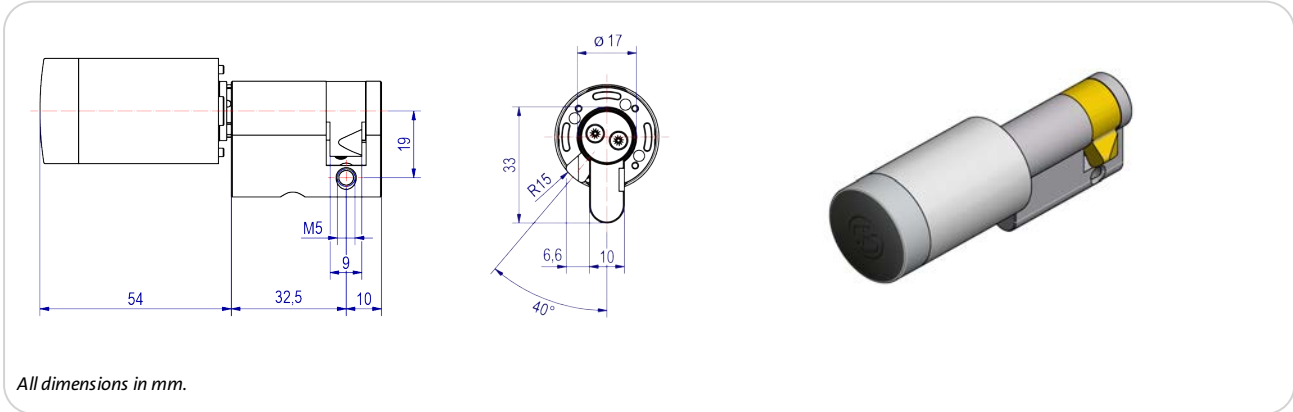
Electronic cylinder

## 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

<b>Suitable locking media</b>	
<b>LEGIC version</b>	All LEGIC prime and LEGIC advant-type locking media, all ISO 14443 locking media, HID iClass All others specified in "MIFARE version" below. <b>Compatible with OSS-SO Standard with LEGIC advant and MIFARE DESFire</b>
<b>MIFARE version</b>	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)
<b>Reading range</b>	Approximately 20 mm
<b>Online radio frequency</b>	868 MHz
<b>RF range to Access-Point</b>	Max. 25 m
<b>Encrypted data transmission</b>	128 bit/AES
<b>Connection values</b>	Battery: 1 x Panasonic CR2 Industrial Lithium 3,0 V 850 mAh
<b>Number of locking media</b>	Max. 5.000
<b>Number of events</b>	Max. 2.000
<b>Number of master media</b>	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
<b>Opening duration</b>	2 to 180 seconds, adjustable (optional) (standard: 10 seconds)
<b>Temperature range</b>	-25 °C to +65 °C at 0 to 95% rH non-condensing
<b>Prohibited atmospheres</b>	Not suitable for use in corrosive atmosphere (chlorine, ammonia, lime water)
<b>Programming</b>	With master media, offline with an RF-Stick, CESTronics wireless online network, CESTronics V-NET virtual network
<b>Finish</b>	Stainless steel
<b>CE testing</b>	EN 300 220-1, 2; EN 300 330-1, 2; EN 301 489-1, 3; EN 60950-1, EN 62311
<b>Fire resistance rating</b>	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