CES OMEGA FLEX
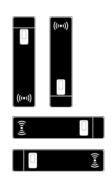
RFID furniture lock

F4180

Installation positions:

Version
Lever

Version
Espagnolette lock

35
30
27
40
30
30
∅7

20
max. 18
max. 22*

20
max. 18
max. 22*

37
34
16.5
150
R 2.8

∅ 4.5**
∅ 21*
∅ 19
27,8
105
∅ 7

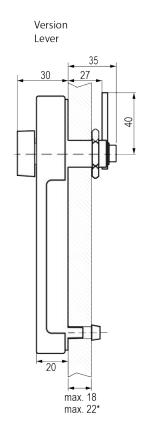All dimensions in mm
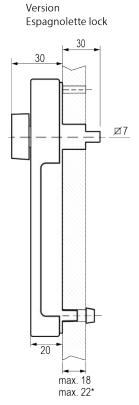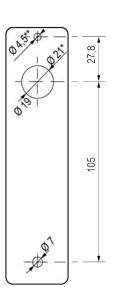
* If step nut is used

** Espagnolette lock only

CES OMEGA FLEX – RFID furniture lock

Equipment features

Article number	F4180/ x
Suitable locking media	
LEGIC	All locking media of type LEGIC prime and LEGIC advant, all ISO 14443 locking media
MIFARE®	MIFARE® Classic® (1k/4k), MIFARE® DESFire® EV2 (UID conforming to ISO 14443 and application), all ISO 14443 locking media (not MIFARE Ultralight® C)
OSS	Compatible with OSS-SO standard with LEGIC advant and MIFARE DESFire
Reading range	Approximately 20 mm
Online radio frequency	868 MHz
RF range to Access-Point	Max. 25 m
Encrypted data transmission	128 bit/AES
Variants	**Lever:** Version with various levers to suit cabinet lock with different locking strokes **Square spindle:** Version with square spindle for cabinet locks with espagnolette lock
Operating modes	**All-Open** Any medium of the associated master key system that is authorised on the device can open and lock the furniture lock. **One-Open** (the standard setting) Each authorised medium of the associated master key system can lock one or more furniture locks. Unlike the 'All-Open' mode, however, only the exact same medium can then open the cabinet again. **One-Open Plus*** Each authorised medium of the corresponding locking system can lock exactly one furniture lock. Only this medium can open the locked furniture lock again later. In addition, a maximum occupancy period can be set. * Only in combination with OSS-SO.
Connection values	Configured battery pack; 3 V; with 2x AAA Energizer Ultimate Lithium batteries
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
Temperature range	0°C to +60°C
Protection class	In secured indoor areas, IP40
Prohibited atmospheres	Not suitable for use in corrosive atmospheres (chlorine, ammonia, lime water)
Programming	Using master media, offline via radio with RF-Stick; CEStronics RF-NET radio network; CEStronics V-NET virtual network
CE testing	EN 50364; EN 62479; EN 62368-1; EN 62369-1; EN 300 330; EN 300 220-1,2; EN 301 489-1,3

Ordering example

Article number	ID-System MIFARE Legic	V(ariant) T /TV /NET OSS: OSL / OSD	Type Variants Lever / Espagnolette	ERSP Event storage yes / no	Lever Variant Standard	CS Colour shield B,W
F4180	/TV	Lever		yes	Standard	B