

Hardware Offline

Electronic Lock Cylinder | OSS Standard Offline



CLEX OSS ELECTRONIC DOUBLE-KNOB LOCK CYLINDER | TYPE 1 (ONE-SIDED BOOKING)

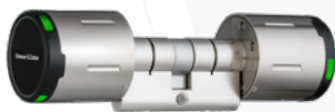
The cylinder consists of a profile cylinder and two knob modules, a mere mechanical and an electronic knob module. The turning knob is firmly connected to the locking nose on the mechanical side. On the electronic side, the turning knob can rotate freely. Only after successful authorisation, the electronic coupling unit will be activated and the cylinder can be un-/locked. The special cylinder body is equivalent to DIN 18254, therefore it can be plugged in into already existing mortise locks. The communication electronics and the batteries are both located in the mechanical knob module. The cylinder is featured by a long battery life with up to 80,000 openings per battery set. By exchanging the profile cylinder the double-knob lock cylinder can be adapted to all particular door thicknesses. IP 55: Fire protection approval / IP 66: Outdoor solution



CLEX OSS ELECTRONIC HALF-CYLINDER BODY | TYPE 2

The cylinder consists of a mechatronical knob module and a profile half cylinder body. Only after successful authorisation, the electronic coupling unit will be activated and the cylinder can be un-/locked. The communication electronics and the batteries are located in the knob module. The cylinder is featured by a long battery life with up to 80,000 openings per battery set.

IP 55: Fire protection approval / IP 66: Outdoor solution



ELECTRONIC DOUBLE-KNOB LOCK CYLINDER | TYPE 3 (DOUBLE-SIDED BOOKING)

The cylinder (appropriate for double-sided booking) consists of a profile cylinder body and two electronic knob modules, which can each rotate freely. Only after successful authorisation (from outside as well as from inside) the electronic coupling unit will be activated and the cylinder can be un-/locked. The special profile cylinder body is equivalent to DIN 18254, therefore it can be plugged in into already existing mortise locks. The communication electronics and the batteries are each located in the electronic knob module. The cylinder is featured by a long battery life with up to 80,000 openings per battery set. By exchanging the profile cylinder, the double-knob lock cylinder can be adapted to all particular door thicknesses.

IP 55: Fire protection approval / IP 66: Outdoor solution



CLEX OSS ELECTRONIC DOUBLE-KNOB LOCK CYLINDER ANTI-PANIC FUNCTION | TYPE 4

The cylinder consists of a profile cylinder with a permanently connected mechanical knob and an electronic knob module. After actuating the mechanical or electronic knob, the locking nose is automatically returned to a defined position (6 o'clock). The cylinder is featured by a long battery life with up to 80,000 openings per battery set.

IP 55: Fire protection approval / IP 66: Outdoor solution

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▼ ELECTRONIC KNOB

MF5300	Clex OSS electronic double knob cylinder, MIFARE, one-sided booking, type 1
MF5301	Clex OSS electronic half-cylinder body, MIFARE, type 2
MF5302	Clex OSS electronic double knob cylinder, MIFARE, double-sided booking, type 3
MF5303	Clex OSS electronic double knob cylinder, MIFARE, anti-panic function, type 4

The cylinders are only available in conjunction with the licence articles MB5420 or MB5421.

▼ WITH EXTRA CHARGE

MF5304	LEGIC transponder BLE for knob module type 1 to 4
MF5305	Version without recessed grips
MF5306	Version for exterior doors (IP66)
MF5307	Clex OSS electronic compact knob module
MF5308	LEGIC transponder BLE for compact knob module
MF5309	Cylinder safety variant compact module, from cylinder length 26 mm
MF5310	5 mm extension of the cylinder length
MF5311	Cylinder centre piece special size over 70/70 mm or 70/10 mm
MF5312	Fire protection, from cylinder length 40/30 mm
MF5313	Core pull protection, cylinder centre piece (10 mm on side A)
MF5314	M4 threaded hole on the rear
MF5315	in padlock shackle height 31 mm, incl. spring return, anti-clockwise rotation
MF5316	in padlock shackle height 51 mm, incl. spring return, anti-clockwise rotation
MF5317	Spring return for knob module half cylinder (from 30/10 mm)
MF5318	Clex OSS mechanical knob for cylinder centre Ø = 34 mm
MF5319	Clex OSS mechanical knob for cylinder centre Ø = 29 mm
MF5330	Clex OSS Online Module LAN PoE and BLE
MF5371	868 MHz radio for MIFARE knob module type 1 to 4
MF5372	868 MHz radio for LEGIC knob module type 1 to 4

TECHNICAL DATA

Operating temperature	-25 °C - +55 °C
Installation Point	Indoor and outdoor area (according to product design). For outdoor use, the external conditions must be checked.
IP protection class	55
Dimensions of cylinder	For Euro profile locks equivalent to DIN 18254
Dimensions of electronic knob (Ø x L)	40 x 41 mm
Dimensions of mechanical knob (Ø x L)	29.5 x 20 mm (default) 34 x 20 mm
Batteries	Two lithium batteries per electronic knob, type CR 2.3 V Follow manufacturer's recommendation
Battery life cycle	Up to 80,000 opening cycles, depending on the reading procedure, the design, the installation conditions and the operating modes.
Opening when battery is spent	Possible at any time. External power source required (low-power adapter)

▼ LICENCES

MB5421	MTZ® OSS Locking System per locking unit
MB5431	Decentralized authorization assignment per reader with OSS coding

▼ ACCESSORIES

MF5351	Clex OSS safety rosette
MF5355	Clex OSS battery changing tool for knob modules
MF5356	Clex OSS low-power adapter
MF5357	Clex OSS disassembly tool Logodisk
MF5362	LEGIC SAM 63 initialisation card advant
MH4656	IAM card for LEGIC advant