F9000 cylinder

Half

LE60 MODULAR CYLINDER, MECHATRONIC NICKEL-PLATED EUROPEAN MONOPROFILE





A flexible and safe solution to protect your environments

F9000 combines the high security of mechanics with the flexibility of electronics. F9000 V3 cylinder offers the state of the art in terms of technology evolution and security. It embeds a new powerful micro-processor for security improvements (AES encryption ready) and it's ready for new market needs and features (future proof).

Access all gates with a single key

F9000 mechatronic cylinder has the same installation and easy maintenance features as a mechanical one because it doesn't require any wiring or batteries in the cylinder. It is the ideal solution for the control of gates in any private and public building and for the management of common areas and entrances (from the single room to the building).

Product features

- Each key has customized access right which can be modified at any time according to the different
- building management needs
- Energy is on the key and it doesn't require any wiring
- AES Encryption ready
- Unique non duplicable key with customized authorizations
- Fast key authentication (< 80 ms)
- Storage of opening and forcing events in the key (1000 standard events)
- Up to 120.000 keys in a single system
- Temporal validity and time slots

Product options

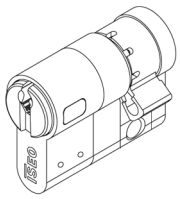
F9000 ATEX VERSION

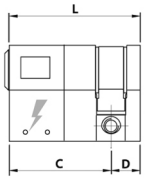
The F9000 keys (ON, UP, PR, EM) and F9000 cylinders are available as an option for areas at risk of explosion where explosive or flammable gases may be present. The ATEX version of the keys and cylinders is certified ATEX EX 2 G Ex ib IIB T4 (zone 1).

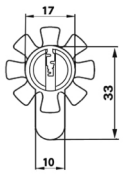
VDS BZ+ CERTIFIED VERSION

The VDS BZ+ certified version is available on request

F9000 cylinder Half







FINISH
Nickel plated

cod. **8MVA0xx109Mxx**

COMMUNICATION INTERFACE

- Data and energy transfer without electrical contact

CERTIFICATIONS

- EN 15684:2020 "16B46D3D"
- Compliance with ATEX Directive 2014/34/EU: classification “Ex II 2 G Ex ib IIB T4 Gb”

Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
Conventional multi-profile, non-duplicable key, 8-position DIN cam. Fixing screw.
New processor for security improvement (AES encryption ready).

PRODUCT COMPATIBILITY
Compatible with ISEO CSF high security mechanical cylinders.
The installation requires only a fixing screw just like a mechanical cylinder. Compatible with all high security mechanical cylinders of the ISEO CSF series.

Modular LE60 system for maximum installation flexibility.
MOUNTING

- It is installed like a mechanical cylinder, with a single fixing screw

ENVIRONMENTAL FEATURES

- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

Compatibility with ISEO applications

ARGO	LUCKEY	LSA	V364
-	●	●	●