

Electronic Cylinder

The solution includes the following products:

- Electronic Cylinder
- Accessories



Specification:

ISEO Libra electronic cylinder multistandard RFID reader at 13,56 MHz ISO 14443 A/B compatible with MIFARE Classic, MIFARE Plus and MIFARE DesFire must be battery operated model ER17335M 3.6V 2/3 AA size with system for Wake up by RFID card to optimize power consumption with battery replacement from outside even when the door is closed. The cylinder can be easily installed both on new and existing doors. It is compatible with any mechanical lock with European cylinder hole and the installation must not require any wiring, allowing a rapid and easy replacement of any mechanical cylinder. The Electronic Cylinder can be open by cards and tags. The Heavy Duty version must combine high resistance against the harshest weather conditions and has to be equipped with anti-drill protections in the cylinder body and anti-break protections in compliance with the highest level of international classification up to IP69 grading. The electronic cylinder must be an electronic European profile cylinder with Real Time Clock/Calendar. The signals must be visual red and green on 360 ring with acoustic buzzer. The metal part finishes can be Inox, Polished Inox, Satin Brass or Polished brass and the plastic colors can be Glossy black, Glossy white with special colors and logo print on request. The mechanical lockcase compatibility must be Europrofile cylinder hole (EN 1303, DIN 18252) and the electronic knob dimensions must be external diameter from 36 mm to 39 mm and Length 46 mm. the mechanical knob standard can be external diameter 30 mm and Length 31 mm and the mechanical knob "Premium" external diameter from 36 mm to 39 mm and Length 46 mm. The cylinder must guarantee rapid installation without any drilling and wiring both on new and existing doors with European profile mechanical cylinders. The cylinder can be open by RFID cards and must operate with Iseo cards or Legacy Mifare cards. Lost or stolen keys must be quickly deleted and the cylinder must store the last 1000 events. The battery life must guarantee up to 50000 openings with battery low warning signal, allows passage mode (office mode) without extra battery consumption. The cylinder double knob version must have dimensions minimum 30-30 steps 5 mm and maximum total length 140 mm. The cylinder single knob version dimensions must have minimum 30-10 steps 5 mm and maximum 90 mm. The operating temperature must be -20 °C to + 70 °C and the storage temperature -25 °C to + 75 °C. The Protection System (IP Grading) must be IP54 standard version and up to IP69 for Heavy Duty version. The cylinder can have electronic knob outside (freely rotating) and mechanical knob inside, electronic knob outside (freely rotating) and inside (freely rotating), half cylinder with electronic knob outside (freely rotating), version for panic lock with freely rotating with cam returning in vertical position, version compatible with Defender, internal usage version or allweather outdoor usage version Heavy Duty. The cylinder must guarantee the compatibility with ISEO V364 System and must work even if Internet connection is off. Administrators manage access authorizations to doors adding new users (cards, tags), removing users, read door events and track users passages, read Libra status add new features.