

Electronic cylinders replace the mechanical cylinders on the doors. Replacement is very simple, no conversion of the doors is necessary. An electronic solution can also be retrofitted into existing mechanical systems.

NEW: easyApp

The easy product range is extended by a new product, the WILKA easyApp. This enables doors to be opened and authorisations to be managed without keys or transponders.

You only need the free app and one programming card per system.

The cylinder is supplied with IP67 moisture protection as standard and is therefore suitable for outdoor use. The modular design means that the cylinder can also be modified subsequently, both in terms of length and design.

Measurements

- standard shackle height: 50 mm
- shackle: Ø 9 mm
- dimensions total (L x W x D): 155 x 57 x 20 mm
- size of knob (D x L): 36 x 48 mm plus 5 mm projection to padlock

Technical characteristics

- electronic knob
- patented locking ring for knob cap fastening
- electronic coupling mechanism for engaging the outside knob when a valid transponder is used
- IP67 as standard according to EN 60529 (suitable for outdoor use)
- with drilling protection as standard
- low maintenance, long battery life and easy installation without wiring
- with freewheel function (FZG)
- enhanced with Bluetooth[®] wireless technology interface for operation via smartphones (Android[®] and iOS[®])

Execution

- cylinder body: brass nickel plated, brushed
- hardened steel shackle, chrome plated
- knob: brushed stainless steel with black plastic cap, integrated evaluation electronics and battery
- access authorisation signalled visually by multicoloured
- LED ring and acoustically by buzzer
- management of easy locking cylinders with the WILKA easyApp
- opening the door by mobile phone, alternatively with Mifare[®] transponders

Operational area

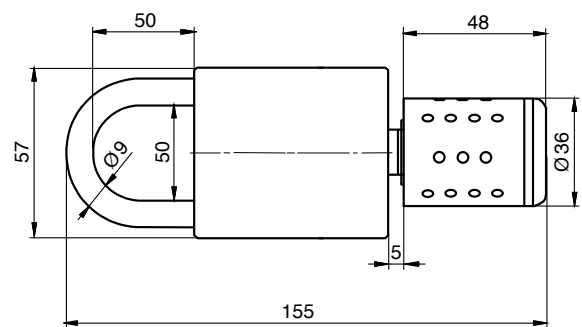
- for small systems, private house systems or small businesses
- residential buildings, single and multi-family houses, holiday homes
- office buildings, small businesses, public facilities
- for cellars, containers, medicine and filing cabinets, bicycle or tool sheds

Scope of delivery

- electronic padlock E218 (with electronic knob)
- incl. lithium battery type CR2 (3V)

Important: For your first order you also need

- a programming card
- corresponding identification media (transponder)
- assembly key



Technical details

- drilling protection: hardened steel pin
- stand-alone system with battery supply
- user identification: Mifare 13.56 MHz
- release signal: optical by blue illuminated ring, acoustic by short signal tone
- battery life (1 x CR2) is approx. 1 year in this version
- acoustic signal when battery is low, then approx. 100 closures still possible
- battery type CR2 (3V)
- operating temperature: -20° to 70° Celsius
- programming methods: app, programming card, various identification media (transponder, key fob, mechatronic key)
- a cylinder can also be programmed without using the app: if a transponder is lost, all transponders are deleted with the aid of the programming card, the existing ones are taught in again.
- wall readers or door fittings can only be controlled via the programming card

Only 1 programming card is required per system! If you already have a programming card, you can use it to teach-in the re-ordered cylinder or other IDs. The explanation can be found in the operating instructions.

Operation / administration via easyApp:

With WILKA easyApp, an access software for mobile phones and tablets (Android® and iOS®) with Bluetooth® wireless technology interface, mobile phones and MIFARE® transponders can be managed safely and conveniently.

An individual access authorisation can be assigned to each user. The access authorisation is transferred to the electronic locking cylinder, which activates the external knob for operation by authorised users.

- secure and convenient management of access authorization for smartphones
- easyApp cylinders require a programming card as a further security criterion and for confirmation of programming via smartphone
- in emergencies, programming is possible using the programming card without an administrator smartphone (delete memory, allow new transponders or smartphones)
- management of up to 250 users and 25 doors
- system can be expanded at any time
- allocation of individual access authorizations for each user possible
- event memory in the cylinder (access, unauthorised access attempt, programming processes with date and time) for up to 1.000 events, readable via app
- cylinder release time adjustable or continuously open
- door opening with Smartphone, completely without additional transponders is possible
- AES-128 bit encryption secures communication against external access
- network is not necessary (communication between app and cylinder is possible even in case of power failure)
- you can find Wilka easyApp in the respective stores for iOS® (search for „WILKA“) and for Android® (search for „Wilka easy“).