Gantner

GL7p

Battery-Powered, Electronic (PIN Code) Locker Lock for Door Installation

FACTS AT A GLANCE

- With and without PIN-code keypad - mixed application
- Network variant - wireless interface
- Clear status indication via push button position
- Elegant, low-profile design - intuitive operation
- Maintenance-free "Low-Power Technology"
- Simple retrofitting of existing lockers, no cabling, previous holes usable
- Mechanical lock (motor) for highest reliability
- Configuration via PC/laptop, data carrier, or NFC
- Master card handling also with PIN-code variant

The GL7p is a battery-powered, electronic RFID (Radio Frequency Identification) locker lock that is available with and without PIN-code keypad. The innovative design lock is the ideal solution for the realization of a cost-effective, secure, and intuitive electronic locker system for the safe storage of personal belongings. The locks are suitable for almost every type of locker material and require no cabling. They are thus straightforward to retrofit in existing locker systems - previous mechanical lock mounting holes can be easily reused.

The operation is carried out using RFID (NFC) data carriers and/or PIN code, which provides a range of application possibilities and levels of security. The use of the PIN code function without additional data carrier as well as the mixed use of locks with and without PIN-code keypad is also easily possible. The status of the locker (occupied/available) is immediately visible based on the position of the individually printable lock button.

Thanks to various options for configuring the GL7p, such as via USB interface, with a programming data carrier, via NFC/app as well as via a wireless interface, the management of the lock is as simple and convenient as never before.

GL7p.1xxx / GL7p.3xxx

GL7p.0500 / GL7p.2500

INDOOR

MIFARE

ISO 15693

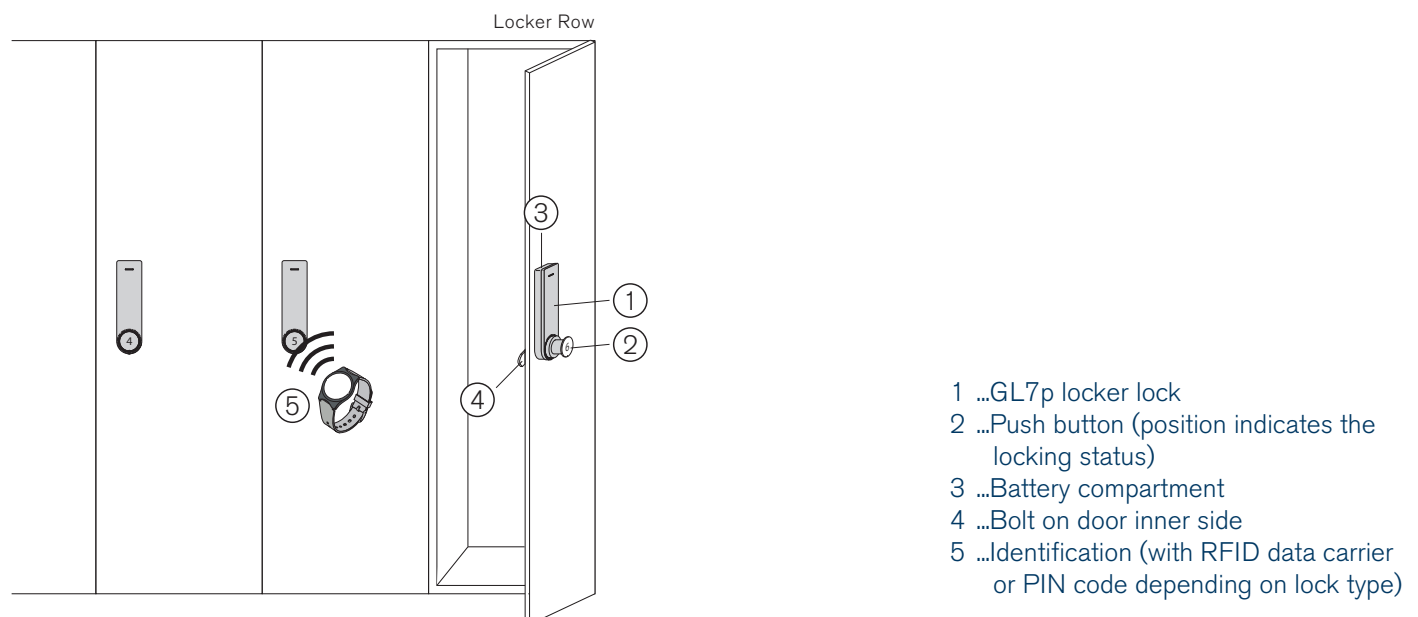ISO 14443

BATTERY

EASY & FAST

OFFLINE

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As there are almost no administrative costs for the organization of lockers (no key management, administration via PC), personnel expenses are greatly minimized and administrative costs reduced. Thanks to the low-power technology, a battery life of up to 10 years on a single battery is possible. And very important: a GL7p locker system can be perfectly integrated into an RFID access and cashless payment system.

Order Information & Accessories

Description	Part No.
GL7p.0500	922728
GL7p.2500	922324
Battery-powered, electronic locker lock for ISO 14443 (MIFARE) and ISO 15693 data carriers, **without** PIN code input, without (**.0500**) or with (**.2500**) wireless interface, without battery	
GL7p.1500	922627
GL7p.1501	922425
GL7p.1502	922526
GL7p.3500	922223
GL7p.3501	922021
GL7p.3502	922122
Battery-powered, electronic locker lock for ISO 14443 (MIFARE) and ISO 15693 data carriers, **with** PIN code input, vertical orientation (**.---0**) or horizontal (**.---1** = right-hinged door, **.---2** = left-hinged door), without (**.1---**) or with (**.3---**) wireless interface, without battery	
Batterie 3.6V Lithium SL-860/S Battery for the GL7p lock	914430

Typical Application

Locker Row

1 ...GL7p locker lock
2 ...Push button (position indicates the locking status)
3 ...Battery compartment
4 ...Bolt on door inner side
5 ...Identification (with RFID data carrier or PIN code depending on lock type)

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Technical data subject to modification without notice!
Not available in North America (United States, Canada)!
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Technical Data

Power supply: - GANTNER approved batteries:		1 x 3.6 V lithium battery, size: AA, capacity: 2.4 Ah - Tadiran SL-860/S (Part No. 914430) - Tadiran TL-4903/S (alternative)
Battery lifespan:		Up to 10 years with 10 actuations/day at +20 °C
Data storage:		EEPROM for 150 bookings, data retained during battery change
Reader type:		- ISO 14443: MIFARE Classic 1k and 4k, Ultralight®, DESFire EV1® and EV2® - NFC (HCE) - ISO 15693 - HID iCLASS UID (13.56 MHz)
Reading field frequency	- RFID: - Wireless:	13.56 MHz 2.4 GHz
Maximum transmission power	- RFID: - Wireless:	<500 mW 3.7 dBm (2.344 mW)
Reading field range:		5 to 35 mm (depending on the installation conditions and data carrier)
Locking:		Mechanical with motorized latch
Signaling elements:		LED (multi-colored), beeper
Break-in resistance:		DIN 4547-2, Class C
Configuration interfaces:		USB 2.0 Micro-B, NFC, Wireless
Housing material:		Plastic (PC), halogen-free, V0
Housing color:		White (front part), anthracite (rear part)
Weight:		Approx. 0.25 kg
Permitted ambient temperature:		-20 to +60 °C
Protection type:		IP 54 (when installed)
Compliance:		CE

Device Features and Dimensions

1 ...LED status indicator
2 ...Button (a = "unlocked", b = "locked")
3 ...Latch
4 ...Front part
5 ...Rear part
6 ...Mounting thread (M19x1)
7 ...Fixing nut
8 ...Spacer sleeve
9 ...Screw for anti-rotation protection
10 Battery compartment cover
11 Battery compartment key

Measurements in mm
Inches shown in brackets

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