

### “Lock-fit” RFID Furniture Lock

BrightCard’s “Lock-fit” is a motorized, RFID-based furniture lock, which allows access to a locker or a cabinet by using a RFID tag or card. It uses standard 125kHz “Prox” Read-Only or Read/Write technology.

The “Lock-fit” lock is made up of two components. The first is the secure outside housing, which includes the RFID antenna, an LED and an activation button to trigger a read operation. The second component is mounted on the inside of the cabinet door. It contains the RFID reader, the lock mechanism, and the battery housing. The two components of the lock are connected via a ribbon cable.

The “Lock-fit” lock is extremely easy to use. It is also very easy to install, since it does not require any network or power connection whatsoever. Power is provided by 4 x AAA batteries. The autonomy of the device is excellent (1 - 2 yrs), since power is only used when a read operation is requested. The battery status is monitored by the firmware, ensuring that the locker door cannot be closed if the battery power is too low.

The “Lock-fit” lock has a very clean, robust design. The status of the lock is always indicated by an acoustic and an optical signal. It is particularly well-suited to applications in health clubs, sports clubs, amusement parks, or locker rooms.

The “Lock-fit” lock is available in 3 simple and intuitive working modes:

1. V100 – Read-Only

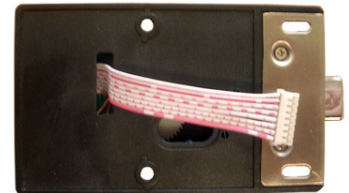
The reader has an internal reset button. The lock memorizes first 3 cards or tags which are presented after reset. Any one of these three cards can be used to open the lock. If the same card is presented three times, then only that card will be able to open the lock.

2. V101 – Read-Only

The readers are programmed to allow the use of up to 5 supervisor cards, which are configured to open all locks within the same installation. Each user card is able to only open and close a given lock. An unlimited number of user cards may be issued in this configuration.

3. V102 – Read/Write

With this version, three different types of cards are programmed with separate encoding software. Supervisor cards are configured to open all locks within the same installation. Inspection cards can open all locks, however the locks close automatically 5 seconds after the use of these cards. User cards can only open or close a single specific lock. There is no limit to the number of user cards. With this version it is also possible to reserve a card for a specific lock.



## Product Data Sheet

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### Product specifications:

Antenna housing (LxHxD):	105x45x22mm
Lock housing (LxHxD):	130x63x35mm
Outside color:	Silver
Inside color:	Black
Material of lock mechanism:	Metal
Operating temp.:	0°C – +50°C
Weight:	225g
Frequency:	125kHz
Technology:	Read Only (EM4100 or similar) Read/Write (Temic 5557)
Signals:	1 bi-color LED (blue/red) 1 buzzer
Power supply:	1,5V (4 x AAA batteries)
Opening/closing cycles:	Min. 10000 cycles before replacement of batteries
Order number:	L-LF-V100 (with reset button) L-LF-V101 (Read Only) L-LF-V102 (Read/Write)

Technology by:

