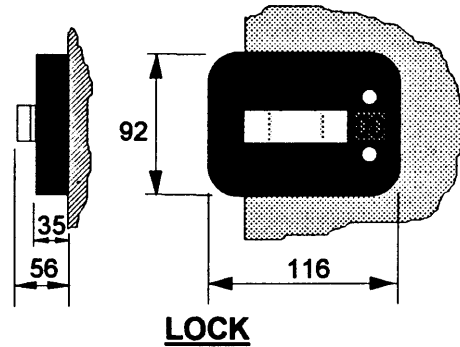
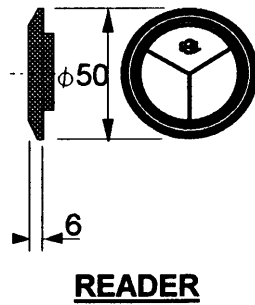


# SEAL RL SERIES LOCKS - SPECIFICATION

## PHYSICAL DIMENSIONS (mm)



## Technical Information

### Mechanical

|                                       |                                                |
|---------------------------------------|------------------------------------------------|
| Strength - Abuse Test                 | 3,400 lbf / 13500N Minimum<br>(Exceeds BS3621) |
| Door opening force                    | 1 lbf Typical                                  |
| Door closing force                    | 1 lbf Typical                                  |
| Automatic vertical adjustment         | 6mm                                            |
| Allowable load before electric unlock | 5 kg                                           |
| Snib action (optional)                | Via button code                                |

### Electronic Control

|                             |                                     |           |
|-----------------------------|-------------------------------------|-----------|
| Key capacity                | RL40<br>RL100                       | 40<br>100 |
| Key add / delete facility   | Via programming key / display       |           |
| Lock programming facility   | Inbuilt system                      |           |
| Proximity key reading range | 25 mm                               |           |
| Battery Types               | 1 x Lithium, 2 x Alkaline Manganese |           |
| Battery change interval     | 60,000 operations / 2 years         |           |
| Low battery warning         | Audible indication                  |           |

## Ordering Information

| <u>Model</u> | <u>Description</u>    | <u>Contents</u>                                                                                                            |
|--------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------|
| RL100        | 100 key capacity lock | 1 x Lock, 1x Key Reader, 1 x Locking Plate, Fixing Screws<br>Installation Instructions, User Guide, Key Administration Log |
| RL40         | 40 key capacity lock  | As above                                                                                                                   |
| K1           | Seal Electronic Key   | 1 key                                                                                                                      |
| B1RL         | Battery Pack Set      | 1 x Lithium Pack, 1 x Alkaline Manganese Pack                                                                              |

The above locks are standard for inward opening, wooden doors.

For other door types, please contact Seal (UK) Ltd.

Available from:

Seal (UK) Ltd., 5th Floor, Goyt Mill, Upper Hibbert Lane,  
Marple, Stockport, Cheshire SK6 7HX.  
Telephone: (0161) 427 2547 Fax: (0161) 427 4047



## ... Simplicity



Consider why the majority of our doors continue to be fitted with mechanical locks and keys patented at the turn of the last century.

The design of these devices means that security is dependent upon never losing a key and trusting that a borrowed one has not been copied. In today's environment, statistics strongly indicate that unauthorised key duplication and use is rapidly becoming a favoured means of gaining illegal entry.

Wired Electronic Access Systems do not provide the solution because they are too complex, too expensive and invariably reduce physical door security by using inferior locking devices.

This volume market requires a reliable, secure door lock at an affordable price, combined with a secure yet easy to use key system - precisely what Seal RL Series Locks are designed to provide.

*No other product offers you:*

- ✓ Low Cost
  - Less than half the installed cost of comparable systems
- ✓ High Security
  - Strength in excess of BS3621 requirements.
  - Suitable for internal and external doors.
  - Uses high security coded proximity keys.
  - Lost keys easily deleted from lock.
- ✓ Easy to use
  - Key is easy to use for all and stored on key ring.
  - Lock fully released automatically when key is used.
  - Simply push the door when green light shows.
  - Up to 100 keys easily added and deleted using buttons and display built into the lock.
- ✓ Simple to install
  - As easy as a rimlock.
  - Retrofits existing mechanical installations.
  - No specialist wiring or joinery skills required.
- ✓ Reliable
  - Self contained unit.
  - No external wiring or power supplies required.
  - Keys and reader guaranteed for life.
- ✓ Master Keying
  - Each key is unique and may be programmed into one or many locks for complete access control.

Patents Pending



SECURE ELECTRONIC

ADVANCED LOCKING

## Example Applications

Suitable for any inward opening doors, especially in commercial/residential markets:

### Commercial

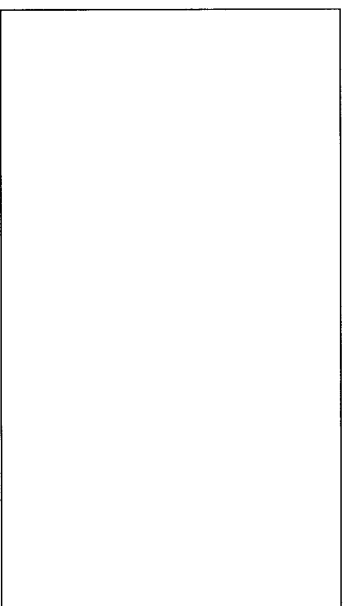
- Banks
- Building Societies
- High Street Shops
- Hotels
- Hospitals
- Multi Tenanted Offices
- Schools
- Secure Areas
- Shop Displays
- Staff Entrances
- Store Rooms
- Universities

### Residential

- Flats/Apartments
- Halls of Residence
- Nursing Homes
- Sheltered Housing

Seal RL Series Locks are supplied boxed with all parts necessary for a single door installation, including all fixings and instructions. Keys and battery packs are available separately.

For Demonstration/Information, please contact:



Seal (UK) Ltd., 5th Floor, Goyt Mill, Upper Hilbert Lane,  
Marple, Stockport, Cheshire SK6 7HX.  
Telephone: (0161) 427 2547 Fax: (0161) 427 4047

SECURE ELECTRONIC



ADVANCED LOCKING

# INTRODUCING

A High **S**ecurity Lock

using **E**lectronic Proximity Keys

for easiest **A**ccess Control

at **L**owest installed cost

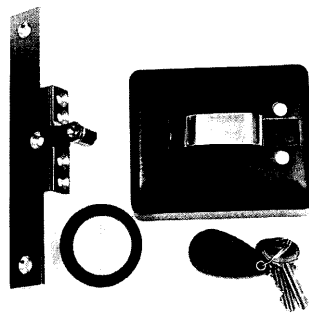
The difference is . . .

503-265



## RL Series Locks: RL40 / RL100

DATA SHEET:  
ISS 1 / 18.4.94



**A High Security Product specifically designed for easy installation.  
The definitive solution to problems in security of premises  
and key administration.**

### The Lock



The complete assembly including batteries is packaged in a single door mounted unit.

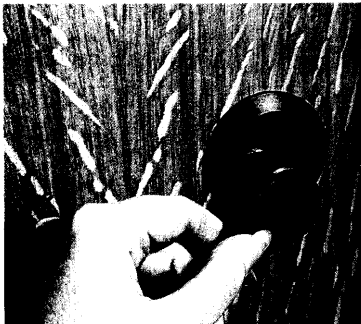
The lock's strength exceeds BS3621, making it suitable for external doors without additional locking devices, yet its smooth lock and release action achieves reliable, quiet operation with light weight door closers.

Installation is as a standard rimlock and the lock will retrofit existing mechanical installations, with a non contact Key Reader used in place of the traditional key cylinder.

An optional snib facility (which may be specified during set up) allows the door to remain unlocked when activated by a Security Code.

The lock's inbuilt buttons and display, together with the Key Reader are used for all set up and key administration functions for up to 100 keys.

### The Seal Electronic Key



Keys are high security proximity keys and carry a lifetime guarantee.

Each key contains a fixed, unique code drawn from billions of differs during manufacture. Keys cannot be modified or duplicated.

Full release of the lock occurs automatically when a valid key is held within one inch of the face of the Key Reader, making access effortless.

A flashing LED on the Key Reader indicates when access is authorised.

### Key Administration



Any key may be programmed into one or many locks, giving complete control over users' access levels.

The first key programmed into the lock during set up automatically becomes the programming key for that particular lock. The same key may also be used as the programming key for many locks.

The programming key then allows other keys to be added to or removed from the lock(s)