

The ProX10 narrow style range is specially designed to fit on most European doors and work with the majority of European mortice locks and Euro Profile cylinders. The solution offers all the benefits of a fully wired and networked system at low cost through a wire free virtual network system.

The handles utilise the Mifare RFID contact less ID technology to read & write information onto contact less smart cards (RFID) compatibility with ISO 14.443A, ISO 14.443B and ISO 15.693 (VICINITY) standards, and Mifare, DESfire or Vicinity technologies. They also allow for updating of the ID carriers via the SVN technology.

The electronic handles are compatible with NFC (Near Field Communication) technology which allows NFC enabled cell phones to act as contactless data carriers to open and control ProX10 access controlled doors.

## Access control features

- Maximum number of users per door: 64,000
- Maximum number of doors per system: 64,000
- Maximum events on lock audit: 1000
- Managed through Pro Access software
- User groups: unlimited
- Timezones: 256
- Timeperiods: 30
- Calendars in system: 256
- Zones in system: 1024

## Opening Modes

- Standard (locked at all times)
- Office (manual 'free passage' setting capability)
- Timed Office ('free passage' with automatic locking at end time)
- Automatic Opening (8 pairs of 'hands free' timed lock and unlocks per day with holidays)
- Automatic Changes (timed switching between the modes)
- Toggle (present card to lock, present card to unlock)
- Timed Toggle (time limited 'toggle' mode with automatic locking at end time)

## Mechanical Features

- Dimensions: 282mm x 40mm x 20mm
  - Weight: 1.5kg
  - Handle rotation: 33°
  - Spindle Compatibility: 7mm, 8mm or 9mm
  - Door thickness compatibility: 30mm—115mm
  - Distance from the handle to the optional cylinder: 47mm to 110mm (inside) 70mm to 110mm (outside)
  - Handle clutch mechanism
  - Inside handle always allows free egress (anti-panic in combination with lock)
  - Concealed fixing screws for greater security and improved aesthetics
  - Body and escutcheon made of steel
  - Handle fixed by Steady Fix system (patented)
  - Handles compatibility: 16mmø, 18mmø
  - High security through advanced hardened high resistance anti-drill plates to protect wires and reader area and additional extreme protection through hardened plates and floating steel balls in the handle area
- |                            |                        |                              |
|----------------------------|------------------------|------------------------------|
| Mortise lock compatibility | Cylinder compatibility | Square spindle compatibility |
| - DIN locks                | - European cylinders   | - 7mm, 8mm & 9mm             |
| - European Locks           | - Swiss cylinders      | - Narrow Style Locks         |
| - Narrow Style Locks       | - Some tubular latches |                              |

## Electronic features

- Wire free standalone networked system through SVN (Standalone Virtual Network) technology or option of RFW (Radio Frequency Wireless) networking
- Locks are connected to the system through the Virtual Network improving the security and efficiency of the system
- Non-volatile memory (is not deleted, even without power)
- Electronic privacy option through thumb turn or button on inside plate. This blocks all the carriers from operating the lock, except management master keys which will always override this privacy mode to gain entry
- Handles are equipped with a low consumption real time clock function, which allows time zones access planning and the use of 30 different calendars
- Dual colour LED (green/red) to indicate lock authorisation
- Special blink indication when lock is in privacy mode
- Possibility to enable/disable the acoustic signal
- Power supply: 3 alkaline batteries LR03 AAA 1.5v. Optional lithium batteries FR03 for extreme low temperature use
- Battery autonomy up to 30,000 openings with low battery notification via SVN and physical warning

## ID technology

- 13.56 MHz contact less RFID identification
- ISO 14.443A, ISO 14.443B and ISO 15.693 (Vicinity), Mifare and DESfire compatibility
- Near Field Communication (NFC) compatible
- Key card available: 112 bytes (i-code), 1Kbyte (Mifare) and 4Kbytes (Mifare)
- Key shape available: ISO 7810 Cards, fobs, bracelets, stickers, watches...
- Reusable key cards
- Read & Write technology, there's a contact less exchange of information between the card and reader
- High security by using password and encrypted Proximity cards
- Multi-application with other systems using the same card through shared sectors



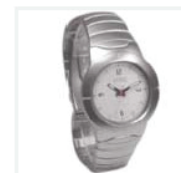
Contact less MIFARE  
key cards



Contact less MIFARE  
fobs



Contact less MIFARE  
bracelets



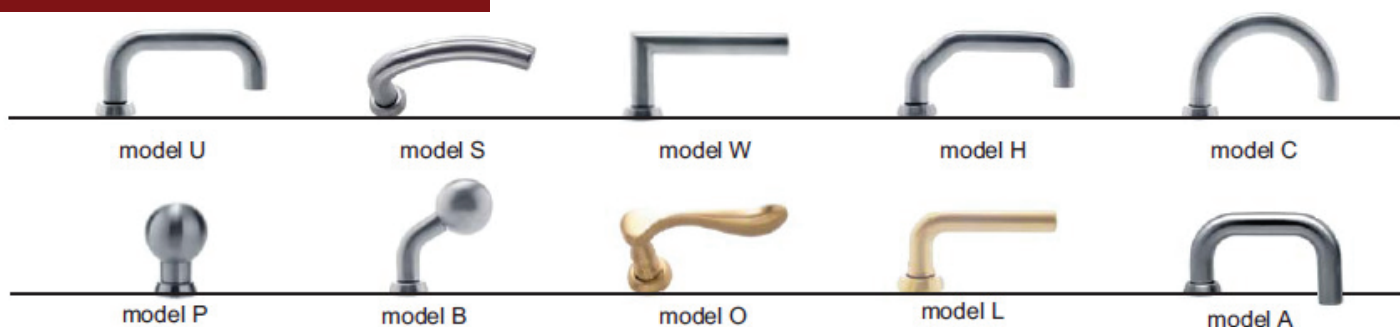
Contact less MIFARE  
watches

Outside handle: Free floating system, which connect the handle when access is granted  
 Inner handle: Inside always allows opening (anti-panic function in combination with lock)  
 Inner thumbturn: For direct drive of the latch or deadbolt  
 Inside/Outside cylinder cut out: For mechanical cylinder (cylinder not included)  
 Electronic "do not disturb" system: Blocks access when someone is in the room  
 Built-in mechanical cylinder with audit: allows mechanical opening of the lock and creates an audit of the mechanical opening

## Operation and Options

Outside handle: Free floating system, which connect the handle when access is granted  
 Inner handle: Inside always allows opening (anti-panic function in combination with lock)  
 Inner thumbturn: For direct drive of the latch or deadbolt  
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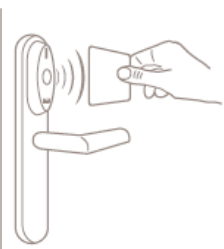
## Handles



## Finishes



## Use



Just by offering the card to the reader, the outside handle will grant or deny access. The user is notified of the decision by both audible and visual signals and, at the same time, the following additional information is transferred:

- Recording of the event on the user card
- Recording of low battery status (if applicable) on the user card
- Updating of the latest black list of cancelled / deleted cards (SVN) in the lock

## Certificates

IP Certification: level 46  
 RF Certification: RF60-EN1634  
 EN Certification: EN 300330-1 V1.3.2 (2002-12),  
 EN 301 489-1 (2002), EN 301 489-3 (2002),  
 EN55022 (1994) class B, EN55024 (1998), EN61000-6-1 (2001),  
 EN61000-6-2 (2001), EN61000-4-2 (1995), EN6100-4-3 (1995)

## Operating Temperatures

External Escutcheon: -20°C / 70°C  
 Internal Escutcheon: 0°C / 70°C  
 -20°C achieved using lithium batteries (FR03 AAA)