DOOR MANAGEMENT SYSTEMS
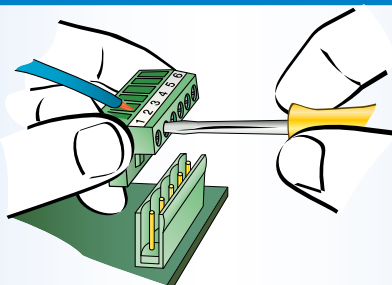
with tecnology

flexi con
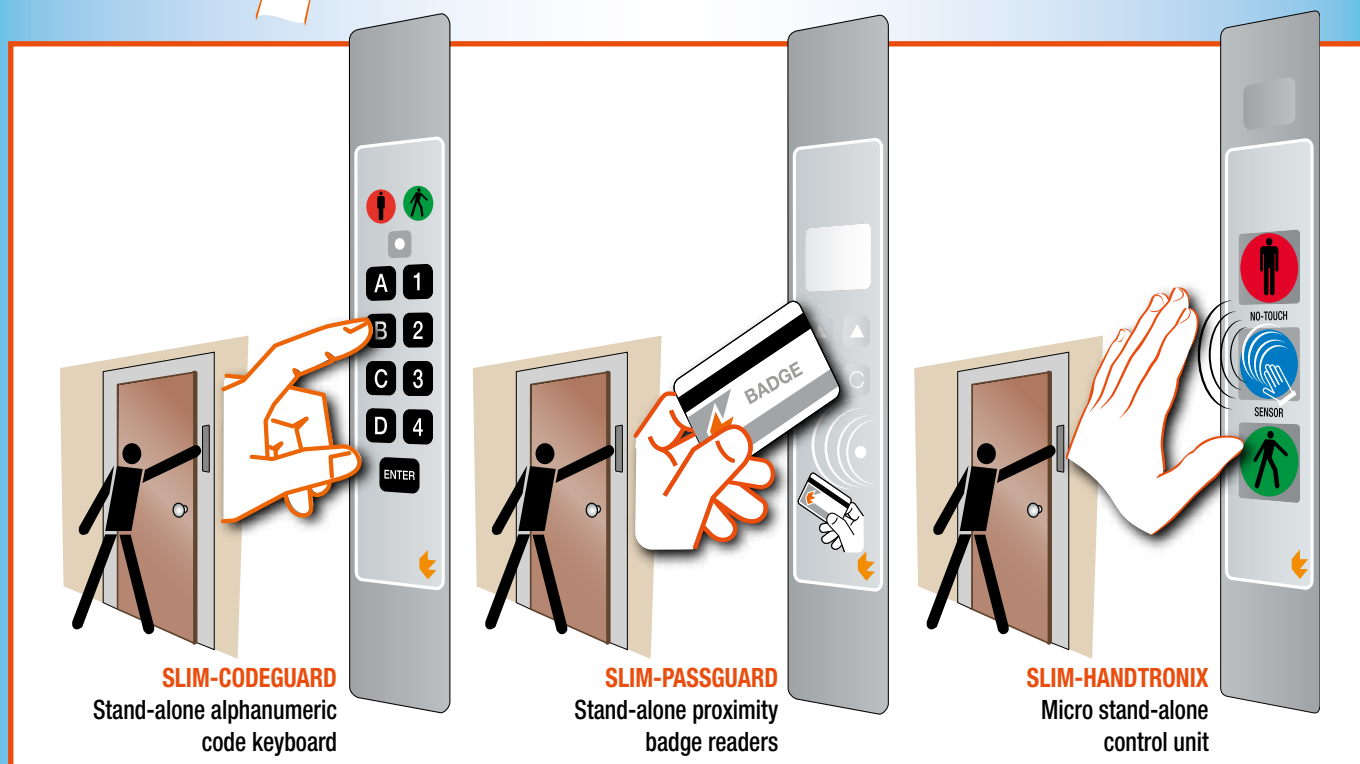
MULTIFUNCTIONAL
INPUTS/OUTPUTS

"FLEXICON" WIRING

Conventional cables systems with screw-type terminal board for medium and large section cables **for medium and long range connections.**

STAND-ALONE UNIT

Readers and numerical keypads for creating access control systems

3 devices with 5 different functions, in a single unified convertible module

SLIM-CODEGUARD
Stand-alone alphanumeric code keyboard

SLIM-PASSGUARD
Stand-alone proximity badge readers

SLIM-HANDTRONIX
Micro stand-alone control unit

in 5 installation types next to door.

SLIM& MODULAR

Ultraslim and supercompact devices
in unified convertible format
in 5 installation types next to door.

Alphanumerical keypads
SLIM-CODEGUARD

Proximity badge readers
SLIM-PASSGUARD

Micro stand-alone control unit
**SLIM-HANDTRONIX**

Unified module because....

A full SLIM & MODULAR range of devices with different functions, operations and purposes (code key pad, badge readers, micro stop and go display control panels, and stop and go display panels, entryphones and button panels on same series...) designed and made bearing in mind a single module of one size (Same for all). In fact, all the devices have the same appearance, size and modularity in order to be interchangeable and to be housed in the same unified chasing of the previous lock.
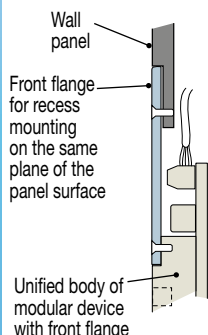
Convertible because...

Using unified flanges, cases and boxes, any unified SLIM & MODULAR device is convertible into 5 different types that can be installed in any way, next to the door, based on the assembly needs found in the field.
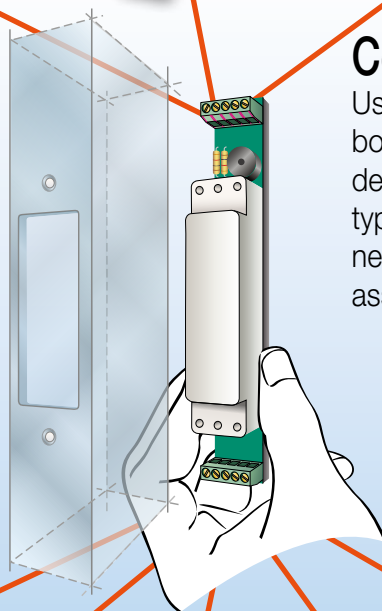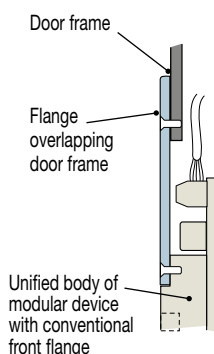
Assembly type ①

fully aligned concealed for recess-mounting without flange on the same plane of the door frame panel
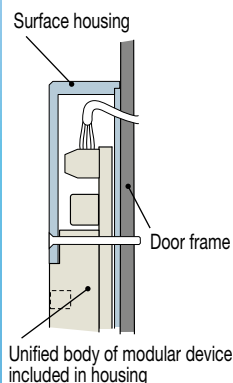
Door frame

Unified body of modular device recess mounted set flush into surface door frame level
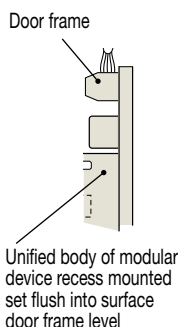
Assembly type ②

fully aligned at milling or recess-mounting with front flange on the same plane of the panel surface

Wall panel

Front flange for recess mounting on the same plane of the panel surface

Unified body of modular device with front flange

Assembly type ③

for conventional flush mounting with front flange overlapping door frame

Door frame

Flange overlapping door frame

Unified body of modular device with conventional front flange

Assembly type ④

for surface mounting with using housing

Surface housing

Door frame

Unified body of modular device included in housing

Assembly type ⑤

for recessed wall-mounting with flange and wall-mounting receptacle

Raceway

Wall-mounting receptacle

Wall

Flange overlapping the wall and fixed to wall mounting receptacle

Unified body receptacle of modular device with front flange and wall mounting receptacle

Clamping wings
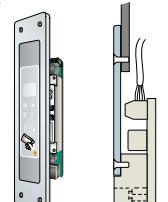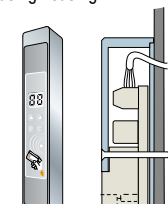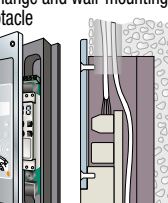
SLIM-PASSGUARD
PROFESSIONAL PROXIMITY BADGE READERS

Export Product-list
January 2024

TECNODIMENSIONE®

Proximity badge reader, for controlling accesses by means of individual swipe badges.
Able of managing up to 99 badges.
Supplied with a proprietary "master badge" for programming the authorisation/deletion/ revocation of each badge without limitations and on-site.
Available in standalone version and with self-learning feature.

- With screw-type terminal box for conventional cables for connection to control panel (for independent use with any system also from different manufacturer)

- 1 alphanumerical display with 2 digits
- 4 feature keys (that can be programmed directly on the reader)
- 12 VDC/70 mA power supply
- 1 NO → NC output contact (for badge recognition), 12 VDC/1A rating for door opening control, timed at app. 5 seconds

Accessories supplied as standard: self-adhesive cover in polycarbonate, 180 x 30 mm, radius 2.5, thickness 0.3 mm, with international symbols that can be applied once the installation has been completed. Supplied with 1 master badge + 3 additional badges (see below).

Ordering information

	Q.ty

Models for 12 VDC power supply	MODELS	N°

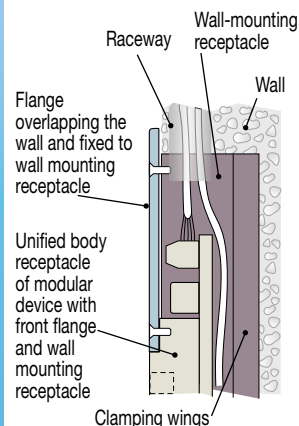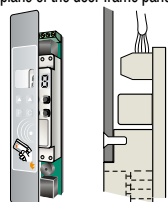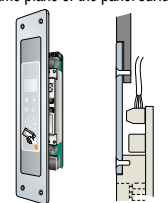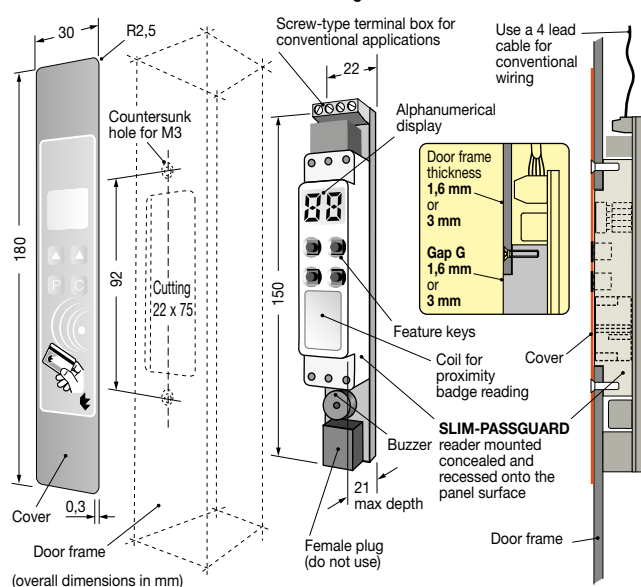| **Assembly type ① fully aligned concealed** for recess-mounting without flange on the same plane of the door frame panel ✳ | SLIM-PASSGUARD proximity badge reader type 1 with fully aligned concealed for recess-mounting on the same plane of the door frame panel without flange. Ideal to achieve a "smooth" surface (without roughness) that is easy to clean. Supplied with diffuser screen and gap G for sections with a thickness of 1.6 mm. Complete with self-adhesive cover designed to be applied after the final installation of the system. **✳ In this case it is advisable to prepare the recess during the door frame machining.** | **034991TM2U** | |
	Same with front panel and gap G for sections with a thickness of 3 mm.	**034991TM2U3**	
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	--------------X	
Assembly type ② fully aligned at milling for recess-mounting with front flange on the same plane of the panel surface ◆	SLIM-PASSGUARD proximity badge reader type 2 for aligned recessed flush fitting in bottom of panel using front flange (e.g. To mount on wall panel next to the door frame on the post where no chasing can be carried out). Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 2.5 mm for recess-mounting on the same plane of the panel surface for aligned recessed flush fitting in bottom of plane using front flange. Cover pre-assembled and fixed into the flange niche. **◆ In this case, it is advisable to prepare sunk milling during the panel machining phase.**	**034992TM2U**	
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	--------------X	
Assembly type ③ for conventional flush mounting with front flange overlapping door frame	SLIM-PASSGUARD proximity badge reader, type 3 for traditional recessed fitting using flange. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50mm, thickness 4 mm for flush mounting. Cover pre-assembled and fixed into the flange niche. **Mounting can be carried out "on site", directly onto the installed door frame.**	**034993TM2U**	
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	--------------X	
Assembly type ④ for surface mounting with using housing	SLIM-PASSGUARD proximity badge reader, type 4 for mounting placed on surface using housing. With extra-strong protective housing, made in anodized silver finish aluminium (35 x 25 x 215 mm). Self-adhesive cover in polycarbonate, provided separately and designed to be used as final cover to hide the 4 fixing screws of the housing on the door frame. **Useful when you wish to avoid recess-mounting or cuts on the door frame.**	**034994TM2U**	
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	--------------X	
Assembly type ⑤ for recessed wall-mounting with flange and wall-mounting receptacle	SLIM-PASSGUARD proximity badge reader, type 5 for recessed assembly using flange and wall box. Supplied with front flange in anodized aluminium with "silver" finish - 250 x 50 mm, thickness 4 mm, to be fixed to the housing by placing on wall surface. Self-adhesive cover in polycarbonate pre-assembled and fixed into the flange niche. Also fitted with wall box with "wings" for rapid anchoring (65 x 30 x 230 mm), in plastic taken from single block to be assembled "in a niche" in the wall to house the body of the proximity badge reader. **Wall niche and cable channel to be prepared beforehand.**	**034995TM2U**	
	Note: readers able to manage up to 255 badges are available at an extra charge. In this case, add X to the product codes listed above.	--------------X	
	Proximity badge in plastic, size DIN 86 x 54 mm (type credit card with Tecnodimensione logo)	**034990T**	

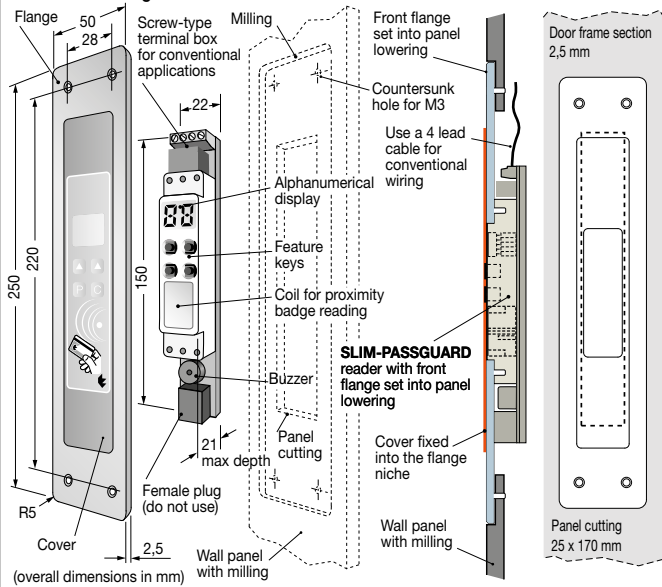**Special configurations available at extra charge:** Cover with your logo and/or customized.

For sizes, measurements and details of chasing, application examples and connection diagrams, see page 37

SLIM-PASSGUARD BADGE READERS - sizes, application examples and connection diagram
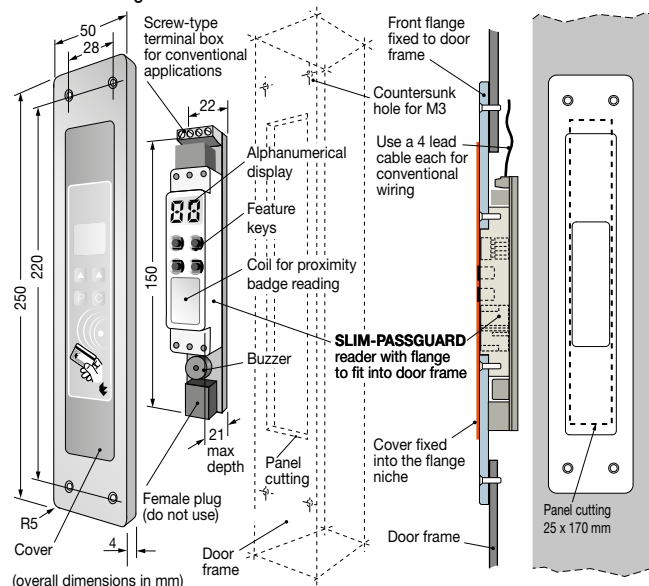
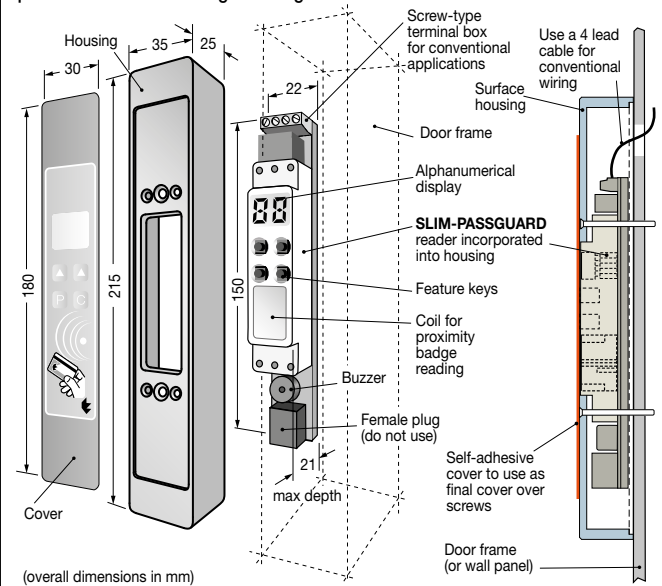## Assembly type ① total alignment, lock recessed into surface without flange

- R2,5
- 30
- Countersunk hole for M3
- 180
- 92
- Cutting 22 x 75
- Cover
- 0,3
- Door frame
- (overall dimensions in mm)
- Screw-type terminal box for conventional applications
- 22
- Alphanumerical display
- 150
- Feature keys
- Coil for proximity badge reading
- Buzzer
- 21 max depth
- Female plug (do not use)
- Door frame thickness **1,6 mm** or **3 mm**
- Gap G **1,6 mm** or **3 mm**
- Cover
- SLIM-PASSGUARD reader mounted concealed and recessed onto the panel surface
- Use a 4 lead cable for conventional wiring
- Door frame

Assembly type ② alignment at bottom with front flange "flush with surface" at bottom

- Flange
- 50
- 28
- 250
- 220
- R5
- Cover
- 2,5
- Screw-type terminal box for conventional applications
- 22
- Alphanumerical display
- 150
- Feature keys
- Coil for proximity badge reading
- Buzzer
- 21 max depth
- Female plug (do not use)
- Wall panel with milling
- Milling
- Front flange set into panel lowering
- Countersunk hole for M3
- Use a 4 lead cable for conventional wiring
- SLIM-PASSGUARD reader with front flange set into panel lowering
- Cover fixed into the flange niche
- Wall panel with milling
- Panel cutting
- Door frame section 2,5 mm
- Panel cutting 25 x 170 mm

Assembly type ③ traditional fitting with front flange over the lock

- 50
- 28
- 250
- 220
- R5
- Cover
- 4
- Screw-type terminal box for conventional applications
- 22
- Alphanumerical display
- 150
- Feature keys
- Coil for proximity badge reading
- Buzzer
- 21 max depth
- Female plug (do not use)
- Panel cutting
- Door frame
- Front flange fixed to door frame
- Countersunk hole for M3
- Use a 4 lead cable each for conventional wiring
- SLIM-PASSGUARD reader with flange to fit into door frame
- Cover fixed into the flange niche
- Door frame
- Panel cutting 25 x 170 mm

Assembly type ④ for mounting placed on surface using housing

- Housing
- 35
- 25
- 30
- 180
- 215
- Cover
- (overall dimensions in mm)
- 22
- 150
- 21 max depth
- Female plug (do not use)
- Screw-type terminal box for conventional applications
- Surface housing
- Door frame
- Alphanumerical display
- SLIM-PASSGUARD reader incorporated into housing
- Feature keys
- Coil for proximity badge reading
- Buzzer
- Self-adhesive cover to use as final cover over screws
- Door frame (or wall panel)
- Use a 4 lead cable for conventional wiring

Assembly type ⑤ for recessed wall mounting with flange and wall box

- Cover
- 50
- 250
- R5
- 4
- Flange
- (overall dimensions in mm)
- Screw-type terminal box for conventional applications
- Alphanumerical display
- 22
- 150
- Feature keys
- Coil for proximity badge reading
- Buzzer
- 21 max depth
- Female plug (do not use)
- 65
- 230
- 36
- 20
- 10
- Use a 4 lead cable for conventional wiring
- Wall
- Raceway
- Wall-mounting receptacle
- Clamping wings
- SLIM-PASSGUARD keypad with flange inserted into the wall-mounting receptacle
- Cover fixed into the flange niche
- Flange flush with wall, fixed to wall-mounting receptacle

CONNECTION DIAGRAM valid for all 5 types

- "Screw" type terminal board suitable for any system (not to be used for Wirex - Click & Go cabling)
- Electrical lock coil, max 1A/12Vdc
- + power supply 12 Vdc
- Use a 4 lead cable for conventional wiring
- Entry side of the door
- SLIM-PASSGUARD reader
- Female plug (do not use)