

# FLAT-DUALUX

## Ultraslim stop/go display for easy installation

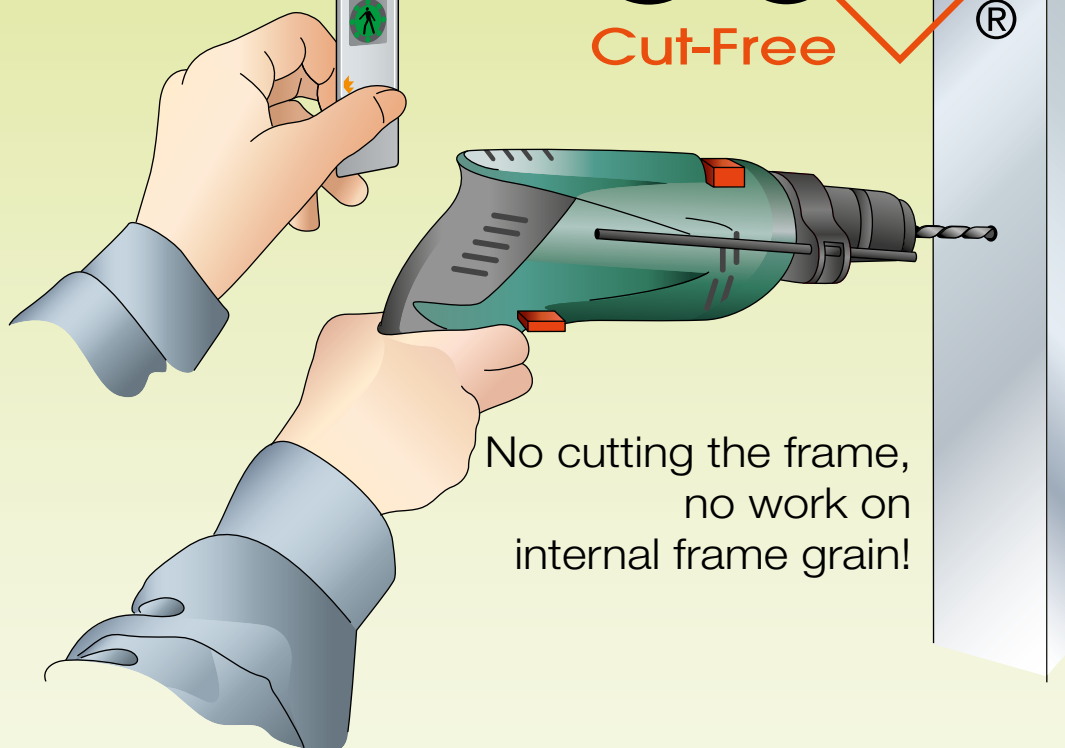
**innovation**

with technology

FLAT-DUALUX  
Ultraslim stop/go display

# DRILL & GO

Cut-Free®



No cutting the frame,  
no work on  
internal frame grain!

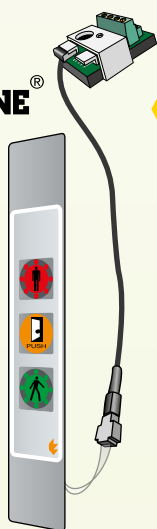
Only a portable drill is needed  
to easily install  
**DRILL&GO** devices on any frame.

INNOVATION



**TECNODIMENSIONE**  
security with style

*flexi*con  
MULTIFUNCTIONAL  
INPUTS/OUTPUTS



## FLAT-DUALUX ultra-slim

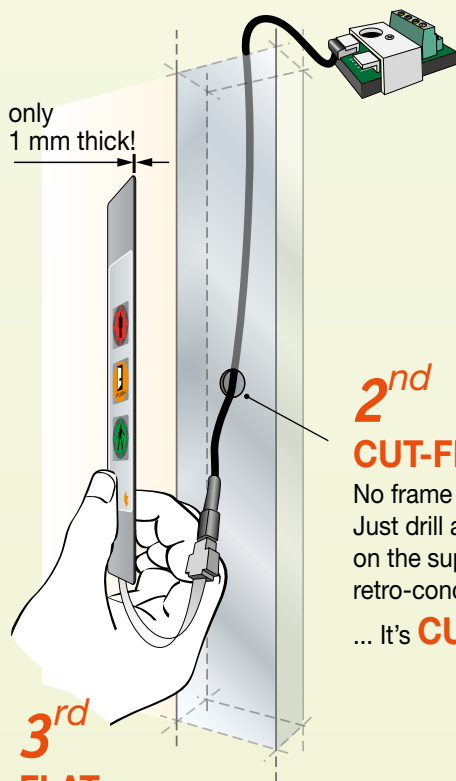
### PROFESSIONAL TECNODIMENSIONE STOP/GO DISPLAYS

with green/red lights and international STOP/GO symbols to control traffic, built-in push button and remote buzzer. Kit made up of stop/go display, connection cable and **FLEXICON** converter.

One unit  
for 4 different needs.

- 1<sup>st</sup>** Conventional wiring installation with screw-type terminal board via converter = **FLEXICON**
- 2<sup>nd</sup>** No frame cutting nor work on internal nervures. Just drill to install = **DRILL&GO CUT-FREE**
- 3<sup>rd</sup>** Ultra-slim, bendable, virtually "without thickness" (just 1 mm!) for fully-aligned installation self-adhesive on any smooth frame surface with even shaped and narrow profiles = **FLAT**
- 4<sup>th</sup>** "Smooth" sealed alignment to the frame surface fully proper detergent washable = **CLEAN**

PERFECT FOR STERILE ROOMS

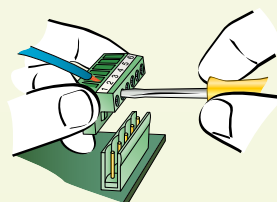


**3<sup>rd</sup>**  
**FLAT**

**FLAT-DUALUX** ultra-flat, practically "without thickness" (just 1 mm!) it can be applied to even very narrow profiles, its "fully-aligned" mount is almost immediate, installable on site without having to make any cuts since it does not require any room-to recess! It is virtually a "thin" electronic, self-adhesive and bendable sticker that lays and adapts to surfaces not necessarily plane as long as they are smooth and suitable to self-adhere...

... It's **FLAT!**

**1<sup>st</sup>**  
**flexi**  
MULTIFUNCTIONAL  
INPUTS/OUTPUTS



Ideal for the installation on existing door frames in combination with conventional wiring systems and to be interfaced with any control unit such as PLC, microprocessor boards or conventional electronics....

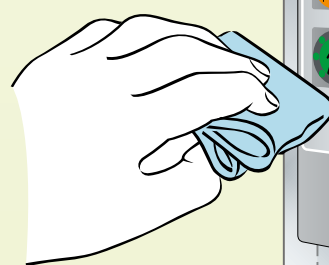
....it's **FLEXICON!**

**2<sup>nd</sup>**  
**CUT-FREE**

No frame cutting nor work on internal nervures! Just drill a simple Ø 14 mm round hole on the support surface to insert the retro-concealed electrical connection cable...

... It's **CUT-FREE**

**4<sup>th</sup>**  
**CLEAN**



**FLAT-DUALUX** self-adhesive installation "flush-aligned" is smooth and roughness-free ... easily cleanable with any proper detergent...

... It's **CLEAN!**

## PROFESSIONAL STOP/GO DISPLAYS

### FLAT-DUALUX ultra-slim

Complete with connection cable and FLEXICON converter for conventional wiring with screw type terminal board

Type **6** - "FULLY ALIGNED"

ultra-slim for self-adhesive installation (without frame cutting).

Type **7** - "FLUSH"

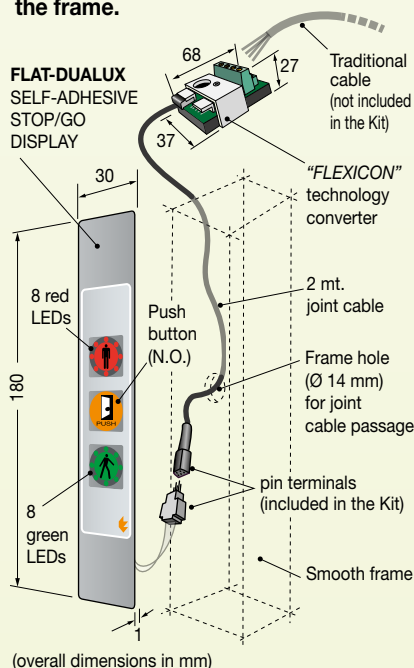
with support flange for installation on uneven surfaces.

## A SINGLE UNIT FOR 2 TYPES OF UNIVERSAL INSTALLATION

### Type **6**

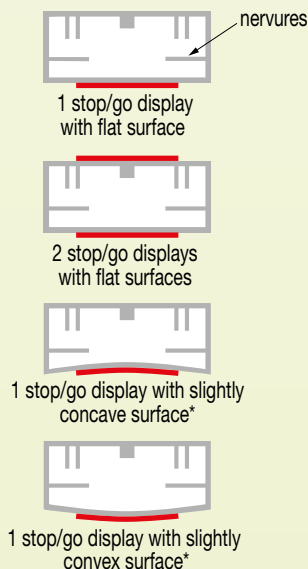
#### "FULLY-ALIGNED"

ultra-slim for self-adhesive installation on smooth surfaces without cutting the frame.



**No cutting or work on the internal frame nervures**

compatible smooth surfaces

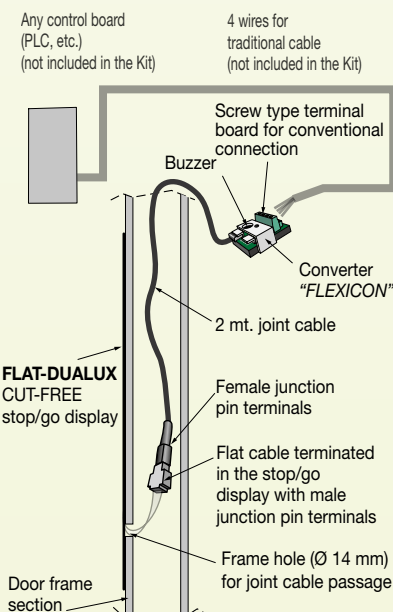


\*to be checked case by case

### Kit 1 for one door - for example "pass box"

composed of:

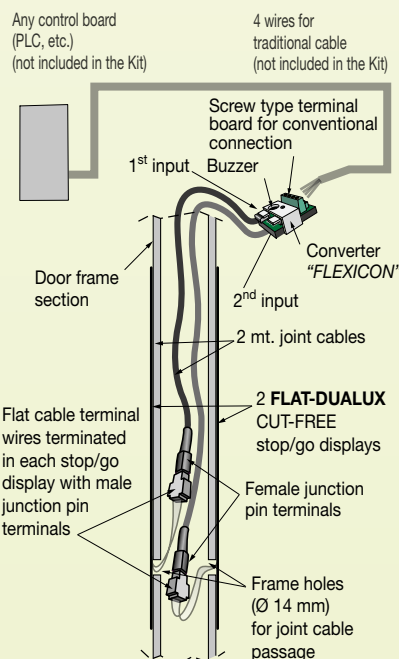
- n. 1 FLAT-DUALUX stop/go display (type 6 or 7)
- n. 1 joint cable
- n. 1 "FLEXICON" converter



### Kit 2 for one door - for example "interlocking system"

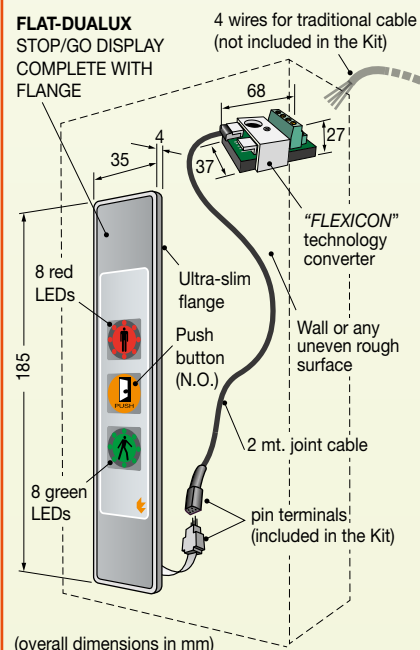
composed of:

- n. 2 FLAT-DUALUX stop/go displays (type 6 or 7)
- n. 2 joint cables
- n. 1 "FLEXICON" converter

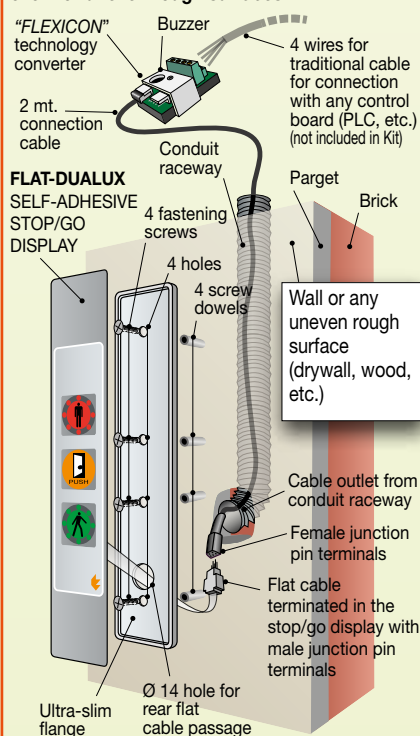


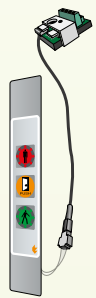
### Type **7** on the "SAME PLANE"

with ultra-slim support flange for wall or frame mount with uneven surfaces



**Example of FLAT-DUALUX stop/go display application complete with support flange even for uneven rough surfaces**





**DRILL&  
GO**  
Cut-Free®

## PROFESSIONAL STOP/GO DISPLAYS

### FLAT-DUALUX ultra-slim

Complete with connection cable and **FLEXICON** converter for conventional wiring with screw type terminal board

## Export Product-list

January 2024



**TECNODINENSIONE®**

Type **6** - "FULLY ALIGNED" ultra-slim for self-adhesive installation (without frame cutting). Perfect for ultra-narrow smooth frames.

Ordering information



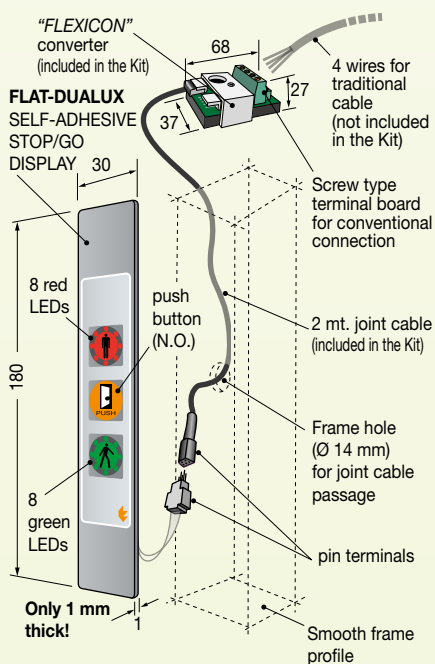
Q.ty

MODELS

N°

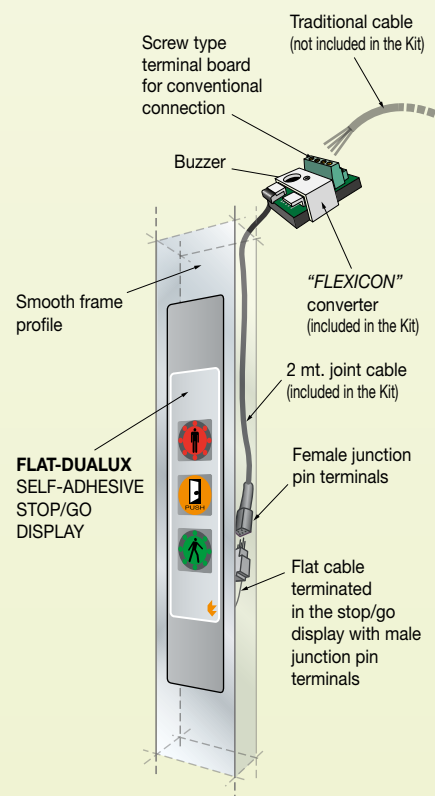
#### FLAT-DUALUX CUT-FREE ultra-slim with "FLEXICON" technology

Type **6** "fully aligned"



(overall dimensions in mm)

#### EXAMPLE OF "FULLY ALIGNED" APPLICATION



Ultra-slim stop/go group for "flush" mount Equipped with FX converter with screw-type terminal board, suitable for connections with any control unit such as PLC, microprocessor boards or conventional electronics. Its "fully-aligned" mount is almost immediate, installable on the site without having to make any cuts since it does not require any room-to recess! It is virtually a "thin" electronic, self-adhesive and bendable sticker that lays and adapts to surfaces not necessarily plane as long as they are smooth and suitable for self-adhere.

#### Models for 12Vdc power supply

Ultra-slim FLAT-DUALUX stop/go display type 6 with connection cable and converter with screw type terminal board for traditional cable connection.

- Green/Red LED light + buzzer + N.O. push button (N.C. when pressed).

**Kit 1 for one door - for example "pass box" composed of:**

- n. 1 Flat-Dualux ultra-slim type 6 stop/go display (without thickness, only 1mm!)

- n. 1 round joint cable (2mt long) complete with pin connection terminal

- n. 1 "FLEXICON" converter with pin inputs and output with screw type terminal board for traditional wiring for any system. Complete with buzzer.

- 12 Vdc/70 mA power supply

**Kit 2 for "interlock" type door composed of:**

- n. 2 Flat-Dualux ultra-slim type 6 stop/go displays (without thickness, only 1 mm!)

- n. 2 round joint cables (2mt long) complete with pin terminals

- n. 1 "FLEXICON" converter with 2 pin inputs and output with screw type terminal board for traditional wiring for any system. Complete with buzzer.

- 12 Vdc/140 mA power supply

#### Models for 24Vdc power supply (on request)

FLAT-DUALUX ultra-slim type 6 stop/go display, with "FLEXICON" technology

**Kit 1** same characteristics as the model above but for a 24Vdc/40 mA power supply.

**Kit 2** same characteristics as the model above but for a 24Vdc/80 mA power supply.

#### Special configurations available at extra charge

• FLAT-DUALUX stop/go display with customer's and/or customized logo (on request)

**Attention!** Based on the "FLEXICON" technology, Tecnodimensione STOP/GO displays are fitted with multi-configurable inputs/outputs that can be interfaced with any installation by means of a universal connection network and screw-type terminals

#### STANDARD EQUIPMENT

##### Kit 1 for one door - for example "pass box"

composed of:

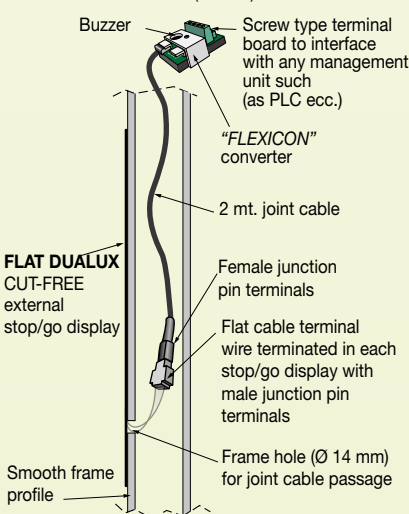
- n° 1 FLAT-DUALUX stop/go display (type 6)

- n° 1 joint cable

- n° 1 "FLEXICON" converter

**Model 034986CMF2K1** (12 Vdc)

**Model 034986CMF4K1** (24 Vdc)



##### Kit 2 for "interlock" type door

composed of:

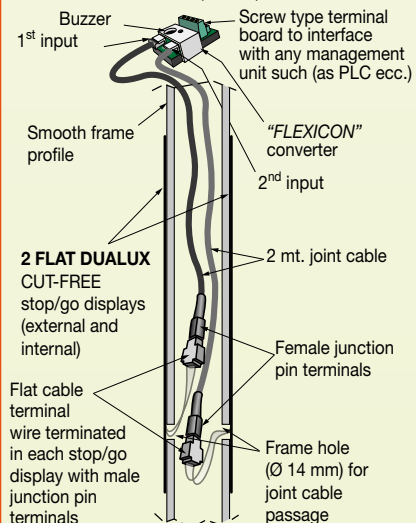
- n° 2 FLAT-DUALUX stop/go displays (type 6)

- n° 2 joint cables

- n° 1 "FLEXICON" converter

**Model 034986CMF2K2** (12 Vdc)

**Model 034986CMF4K2** (24 Vdc)

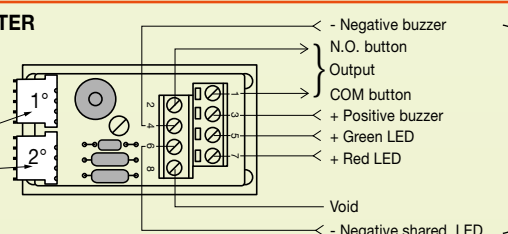


#### FLEXICON CONVERTER WIRING DIAGRAM

**Female junction PIN input for connection cable**

1<sup>st</sup> = for first stop/go display (kit1)

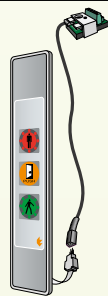
2<sup>nd</sup> = for additional second stop/go display (kit2)



Terminal board outputs for conventional wiring with any control board (PLC, etc.)

INNOVATION





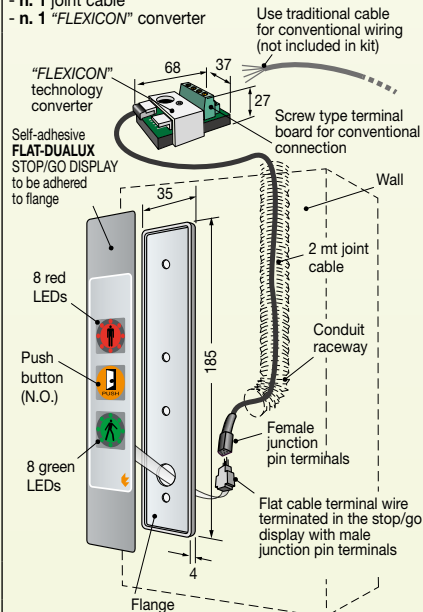
**DRILL&Go**  
Cut-Free®

### Type 7 on the "SAME PLANE"

#### KIT 1 with support flange for wall or frame mount with uneven surfaces.

composed of:

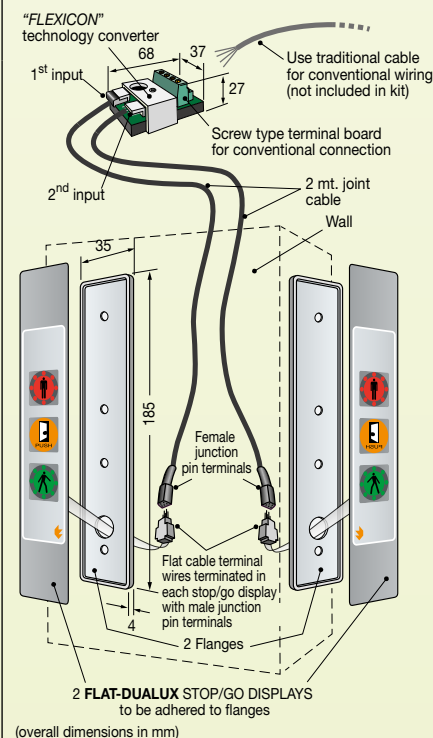
- n. 1 FLAT-DUALUX type 7 stop/go display with silver coloured anodised aluminium flange
- n. 1 joint cable
- n. 1 "FLEXICON" converter



#### KIT 2 with support flange for wall or frame mount with uneven surfaces.

composed of:

- n. 2 FLAT-DUALUX type 7 stop/go displays with 2 silver coloured anodised aluminium flanges
- n. 2 joint cables
- n. 1 "FLEXICON" converter



## PROFESSIONAL STOP/GO DISPLAYS

### FLAT-DUALUX ultra-slim

Complete with connection cable and FLEXICON converter for conventional wiring with screw type terminal board

Type 7 - "FLUSH" with support flange even for installation on uneven rough surfaces

## Export Product-list

January 2024



**TECNODIMENSIONE®**

Ordering information



Q.ty

MODELS

N°

#### Models for 12Vdc power supply

FLAT-DUALUX stop/go display type 7 support flange, with connection cable and converter with screw type terminal board for traditional cable connection.

- Green/Red LED light + buzzer + N.O. push button (N.C. when pressed).

#### Kit 1 for one door - for example "pass box" composed of:

- n. 1 FLAT-DUALUX type 7 ultra-slim stop/go display with silver coloured anodised aluminium flange (only 4 mm thick!)
- n. 1 round joint cable (2mt long) complete with pin connection terminal
- n. 1 "FLEXICON" converter with pin inputs and output with screw type terminal board for traditional wiring for any system. Complete with buzzer.
- 12 Vdc/70 mA power supply

**034987CMF2K1**  
(complete Kit 1)

#### Kit 2 for "interlock" type door composed of:

- n. 2 FLAT-DUALUX type 7 ultra-slim stop/go display with silver coloured anodised aluminium flange (only 4 mm thick!)
- n. 2 round joint cable (2mt long) complete with pin connection terminal
- n. 1 "FLEXICON" converter with pin inputs and output with screw type terminal board for traditional wiring for any system. Complete with buzzer.
- 12 Vdc/140 mA power supply

**034987CMF2K2**  
(complete Kit 2)

#### Models for 24Vdc power supply (on request)

FLAT-DUALUX ultra-slim type 7 stop/go display, with "FLEXICON" technology  
Kit 1 same characteristics as the model above but for a 24Vdc/40 mA power supply.

Kit 2 same characteristics as the model above but for a 24Vdc/80 mA power supply.

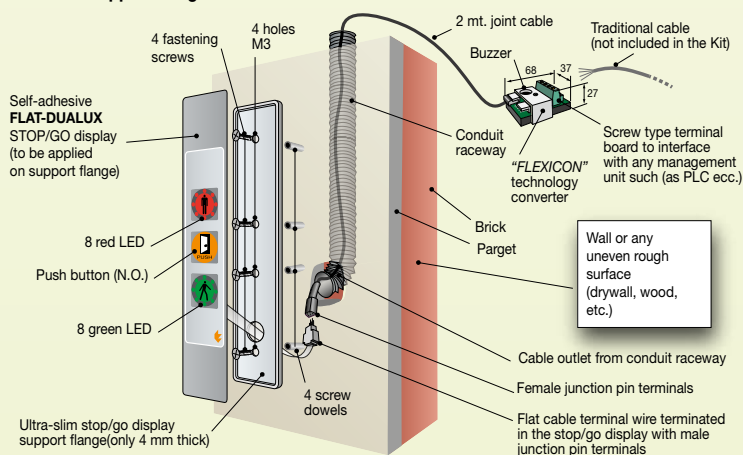
**034987CMF4K1**  
(complete Kit 1)  
**034987CMF4K2**  
(complete Kit 2)

#### Special configurations available at extra charge

- FLAT-DUALUX stop/go display with customer's and/or customized logo (on request).

**Attention!** - Based on the "FLEXICON" technology, Tecnodimensione STOP/GO displays are fitted with multi-configurable inputs/outputs that can be interfaced with any installation by means of a universal connection network and screw-type terminals.

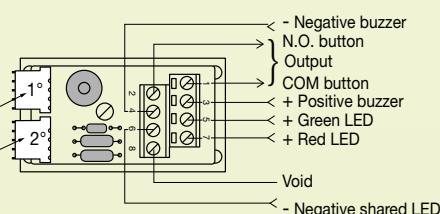
#### Example of FLAT-DUALUX type 7 stop/go display application complete with ultra-slim support flange for uneven surfaces



#### FLEXICON CONVERTER WIRING DIAGRAM

Female PIN input for joint cable

- 1st = for first stop/go display (Kit 1)
- 2nd = for additional second stop/go display (Kit 2)



Terminal board for conventional wiring to any control board (PLC, etc.)