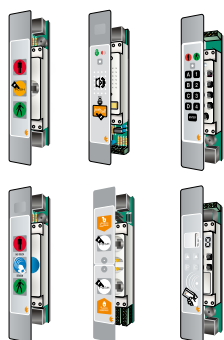# TECNODIMENSIONE PROFESSIONAL ANCILLARIES FOR INSTALLATION

Example of a door equipped with devices, electric locks and accessories

DEVICES
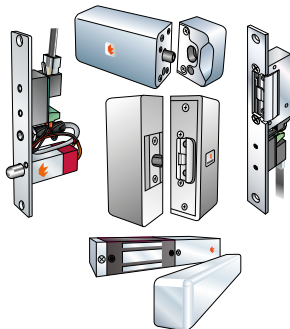
STOP/GO DISPLAYS

INTERCOMS
ALPHANUMERICAL
KEYPADS,
BADGE READERS
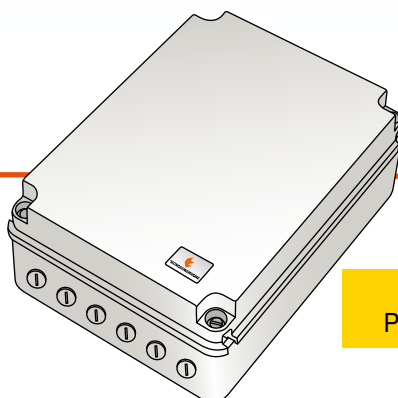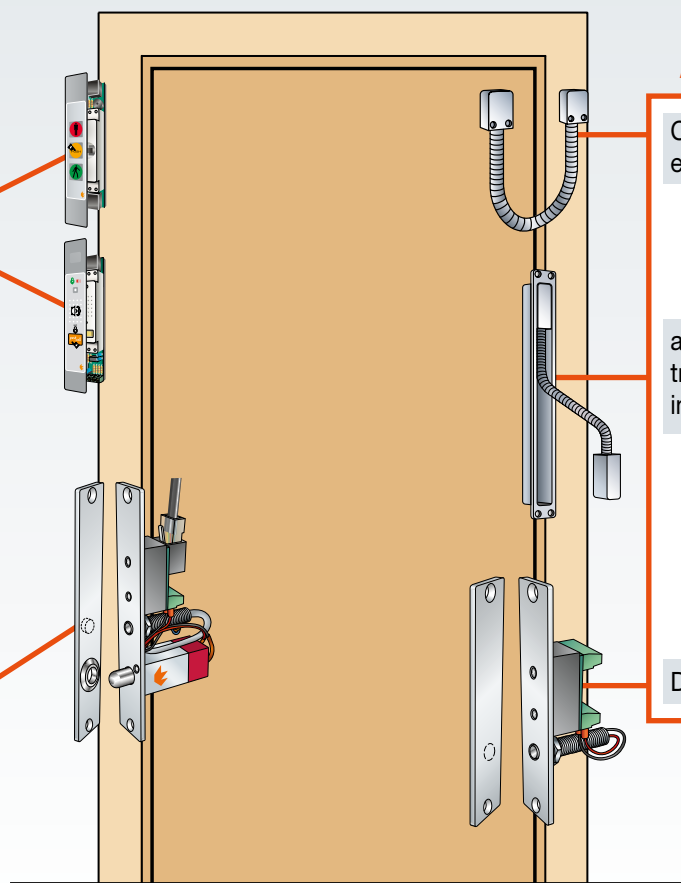
ELECTRICAL LOCKS

ELECTRICAL
DROP BOLTS
ELECTROMAGNETS

ANCILLARIES

Cable transfer external
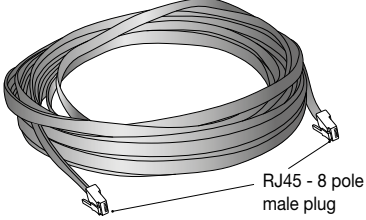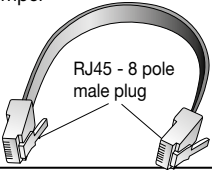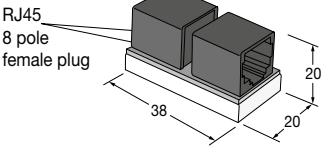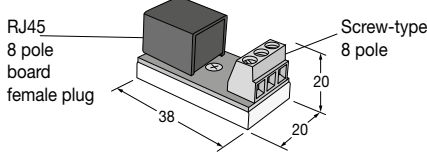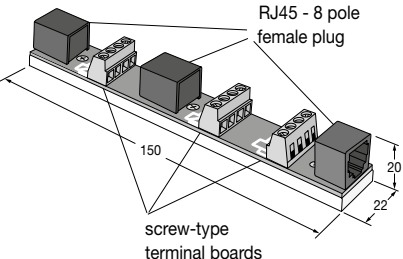
alternatively cable transfer "conclealed" internal

Door status sensor

Control unit
PHARMATRONIX

TECNODIMENSIONE
security with style

ACCESSORIES
for structured and pre-configured WIREX cables

with RJ45 8-pole quick fitting plug, "Click&Go" technology, for a more practical installation and immediate cable routing
ZEROTIME

Click&GO ZEROTIME ®

TECNODIMENSIONE ®

	MODELS		Q.ty N°
ordering information			

MASTERWIREX cable

RJ45 - 8 pole male plug

MASTERWIREX		
MASTERWIREX control cable (to interconnect the Stop/Go displays at Pharmatronix unit/VOXTRONIX module), "CLICK & GO" technology, with 2 RJ45 8-pole male/male end plugs. Flat cable, standard length of 10 m, black.	**034928WD**	
Cable, same features as the model above, for the interconnection of the electric drop bolt to the control unit. Cable, same features as the model above, for the interconnection of auxiliary units to the control unit. Cable, same features as the model above, for the interconnection of the sensors to the control unit.	**034928WL** **034928WN** **034928WS**	

TANDEMWIREX jumper

RJ45 - 8 pole male plug

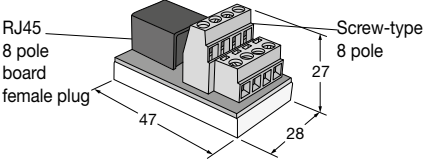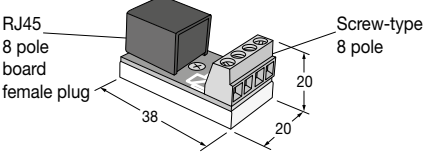|		
TANDEMWIREX		
TANDEMWIREX jumper designed to be used to link 2 Stop/Go displays (in master/slave configuration), "CLICK & GO" technology, with 2 RJ45 8-pole male/male end plugs. Flat cable, standard length of 20 cm, black.	**034916W**	

DUPLOWIREX coupling

RJ45 8 pole female plug
20
38
20

DUPLOWIREX COUPLING		
DUPLOWIREX coupling, made of RJ45 8-pole female plugs for the immediate extension of WIREX cables.	**034918FFW**	

CONVERWIREX adapter- Version 8

RJ45 8 pole board female plug
Screw-type 8 pole
27
47
28

CONVERWIREX		
CONVERWIREX adapter designed to be used to convert the output of MASTERWIREX cables, fitted with one RJ45 8-pole male plug. Constituted by one RJ45 8-pole female plug and 8 screw-type terminals for conventional cables. For the conversion of RJ45 8-pole pin-to-pin outputs on 8 screwtype terminals.	**034918W**	

CONVERWIREX adapter- Version 4

RJ45 8 pole board female plug
Screw-type 8 pole
20
38
20

CONVERWIREX adapter designed to be used to convert the output of MASTERWIREX cables, fitted with one RJ45 8-pole male plug. Constituted by one RJ45 8-pole female plug and 4 screw-type terminals for conventional cables. For the conversion of RJ45 R 3+3+1+1 8-pole outputs on 4 screw-type terminals.	**034914W**	

CONVERWIREX adapter- Version 3

RJ45 8 pole board female plug
Screw-type 8 pole
20
38
20

CONVERWIREX adapter designed to be used to convert the output of MASTERWIREX cables, fitted with one RJ45 8-pole male plug. Constituted by one RJ45 8-pole female plug and 3 screw-type terminals for conventional cables. For the conversion of RJ45 R 3+2+3 8-pole outputs on 3 screwtype terminals.	**034913W**	

DUALWIREX adapter for doors with 2 leaves

RJ45 - 8 pole female plug
150
20
22
screw-type terminal boards

DUALWIREX adapter to simultaneously control each of the 2 leaves (of a door with 2 leaves). The adapter can be connected to the two respective Reed proximity sensors (sensors that controls the door approaching) and/or to the electric locking system fitted with an independent door status sensor. The adapter comes with an 8-pole quick fitting RJ45 plug for the instantaneous connection of WIREX cables using the "Click & Go" technology.

Note: the screw-type terminal boards built-in the adapter are used for conversion internal connections configured in the factory. | **034924W** | |

(overall dimensions in mm)

ACCESSORIES
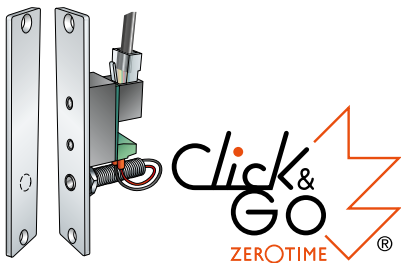
PROFESSIONAL PROXIMITY SENSORS
SLIM-PROXY
With quick fitting 8 pole RJ45 plug to simplify installation and wiring

Export Product-list
January 2018

TECNODIMENSIONE®

SLIM-PROXY SENSOR "CLICK & GO"
For recess mounting

Magnetic Reed sensor complete with flange and counterflange in anodised aluminium with "silver" finish for flush mounting.
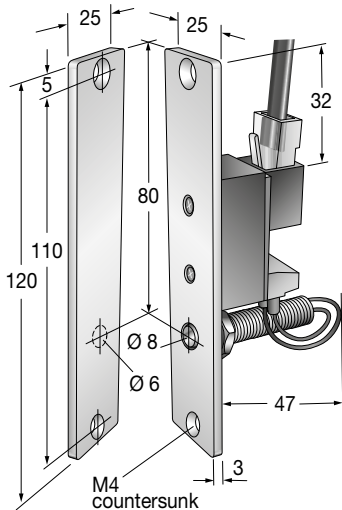Ideal for "clean rooms".
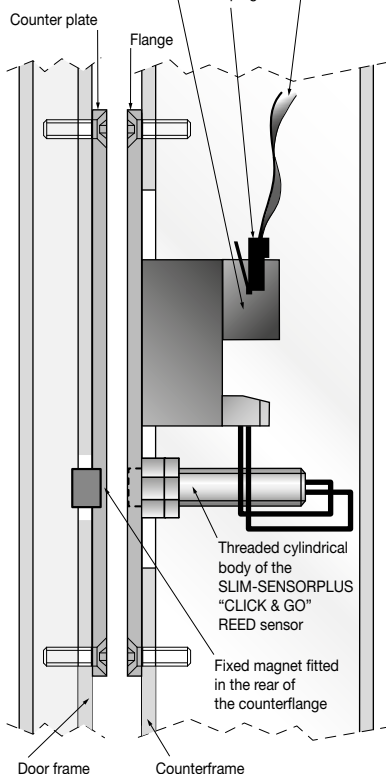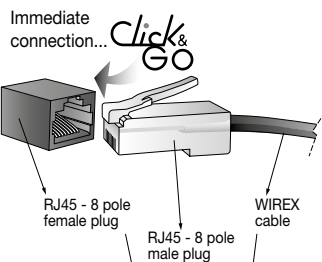
Ordering information		Q.ty
MODELS		**N°**

Recess-mounting proximity sensor to control the approaching of the door. Designed to be used in systems with "inter-signalling" logic (that is without electrical locking systems).
The proximity sensor can alternatively be used to control the approaching of the inactive door leaf for doors with two leaves. Suitable both for inter-signalling and interlocking systems.

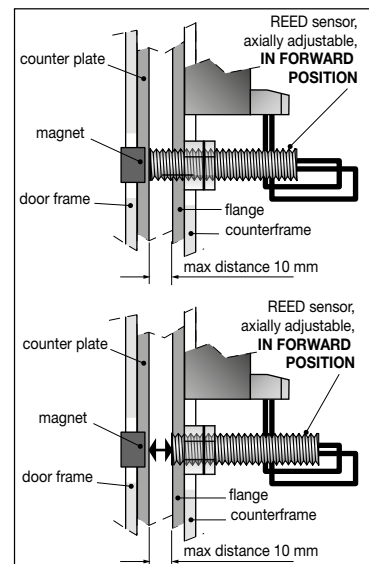|		
Models for 12 Vdc power supply		

SLIM-PROXY Reed sensor for flush mounting with "CLICK & GO" technology. Fitted with 1 8-pole female quick fitting RJ45-8 connector for instantaneous connections.
- Reed sensor to control the approaching of the door (axially adjustable)
- SPDT switching output contacts (dry) capacity 0.9/12 V

Fitted with flange and counterflange in anodised aluminium with "silver" finish and high flow magnet built-in on the rear of the reference counterflange.

032111WF

Dimensions: 25, 25, 5, 32, 80, 110, 120, Ø 8, Ø 6, 47, 3, M4 countersunk

EXAMPLE OF IMMEDIATE ASSEMBLY

Immediate connection... **Click & GO**

RJ45 - 8 pole female plug
RJ45 - 8 pole male plug
WIREX cable

Counter plate
Flange

Threaded cylindrical body of the SLIM-SENSORPLUS "CLICK & GO" REED sensor

Fixed magnet fitted in the rear of the counterflange

Door frame
Counterframe

EXAMPLES OF WIREX FAST CONNECTING CABLES FOR "CLICK & GO" MODELS

Immediate connection... **Click & GO**
ZEROTIME

Door frame
Counter plate
Flange
Receptacle for the insertion of the magnet
Fixed magnet

Countersunk holes for M4 screws
WIREX cable
RJ45 - 8 pole male plug
RJ45 - 8 pole female plug
Counterframe

Countersunk fixing holes for M4 screws
Threaded body of sensor SLIM-PROXY, axially adjustable

SLIM-PROXY sensor fitted into counterframe
Counter plate fitted on the door leaf

REED sensor, axially adjustable, **IN FORWARD POSITION**
counter plate
magnet
door frame
flange
counterframe
max distance 10 mm

REED sensor, axially adjustable, **IN FORWARD POSITION**
counter plate
magnet
door frame
flange
counterframe
max distance 10 mm

ACCESSORIES

PROFESSIONAL ANCILLARIES FOR CABLE TRANSFER ELECTRICAL WIRING ARRANGEMENT

cable transfer (traditional wiring; not WIREX type) set with heavy duty protective flexible conduit to provide the cable wiring between door frame and door, for direct permanent current line (ideal for wiring connections of electrical bolts, magnetic locks, electronic devices, touch-sensitized push handles and so on)
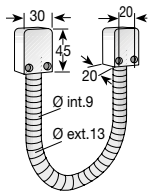
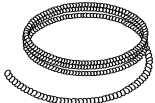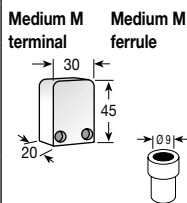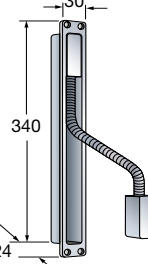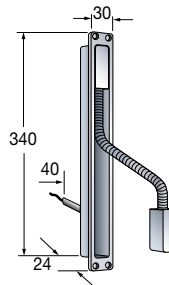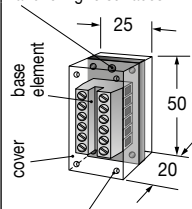|		SERIES	MODELS		Q.ty N°
MEDICABLEX	## CABLEX EXTERNAL EXPOSED "TEAR-PROOF" EXECUTION				
	"Medium gauge" cable transfer protective set composed of 1 zinc-coated metallic flexible conduit 30cm long, internal Ø 9mm including 2 metallic "ferrules" (final ring spouts). With 2 conduit terminals, heavy duty tear-proof anodized alluminuim type natural "silver" coloured = F.	MEDICABLEX	031301F		
	"Medium gauge" cable transfer protective set composed of 1 zinc-coated metallic flexible conduit 30 cm long, internal Ø 9mm ; including 2 metallic "ferrules" as above mentioned but complete with 2 anodized alluminium conduit terminals, dark brown "coloured" = N.	MEDICABLEX	031301N		
"Bulk" flexible conduit	**Flexible cable protective conduit "in bulk" (one skein 10 mt long) to be cutted to pieces.**				
	"Medium gauge" flexible protective cable conduit, zinc-coated metallic type. External diameter Ø 13mm internal diameter Ø 10mm (measured without ferrules)		031305Z	(10 mt skein)	
Medium M terminal Medium M ferrule	**ANCILLARIES FOR FLEXIBLE PROTECTIVE CABLE CONDUIT "IN BULK"**				
	For "medium gauge" flexible protective cable (Ø 10mm int./ Ø 13mm ext.)				
	"Medium gauge" heavy duty tear-proof conduit terminal M to fix the medium flexible conduit. Made by alluminium massive block and anodized in natural "silver" colour.		031309F		
	"Medium gauge" conduit terminal M as above but "dark brown" coloured.		031309N		
	"Medium gauge" metallic ferrule M final ring spout with bevelled edge to be screwed into each mouth of the piece of flexible conduit to ensure abrasion-free the inserted electrical cable.		031313B	(set of 10 pc)	
CABLEX-IN Cable transfer set	## CABLEX-IN "CONCEALED" PROFESSIONAL EXECUTION				
	STANDARD TYPE for universal flush mounting either into door-frame or door				
	"Concealed" cable transfer protective set composed of 1 stainless steel spring conduit 180mm long (extensible up to 25% more for door arrangement) internal diameter Ø 9mm, external diameter Ø 13mm. Flush mount housing made by massive block of alluminium, anodized in natural "silver" colour = F. Universal version to be installed either into door-frame or opposite way into the door.	CABLEX-IN	031302F		
	"Concealed" cable transfer protective set composed as above mentioned but with anodized alluminium housing "dark brown" coloured = N.	CABLEX-IN	031302N		
Cable transfer set CABLEX-IN sensorized	**"SENSORIZED" TYPE** with built-in inacessible proximity reed sensor, for "secret" door monitoring (door open/closed).				
	"Concealed" cable transfer protective set composed of 1 stainless steel flexible spring conduit 180mm long (extensible up to 25% more for door arrangement) internal diameter Ø 9mm, external diameter Ø 13mm. Flush mount housing made by massive block of alluminium, anodized in natural "silver" colour = F. Special "sensorized" version with built-in "inacessible" proximity reed sensor with output SPDT changeover dry contact 0,9A/12Vdc rated, complete with 3 wires cable 2 mt long.	CABLEX-IN	031302FZ		
	"Concealed" cable transfer protective set composed as above mentioned but with anodized alluminium housing "dark brown" coloured. Special "sensorized" version as above mentioned.	CABLEX-IN	031302NZ		
DUAL-TERMINALS 3 MA slots for screw anchoring to surfaces 2.5 MA slots for cover fixing screws on base	## DUAL-TERMINALS tri-modular with Flexicon technology With screw-type terminals for conventional cables				
	1-module DUAL-TERMINALS element with 6 input and 6 mirrored output terminals. Ideal for orderly grouping and compacting of all incoming and outgoing system wires in a single terminal box. Furthermore, specific slots let you professionally add on diodes, resistances, etc., when needed, by welding. It comes complete with protection and insulation cover to avoid direct contacts. Specific slots in the cover permit all types of fixtures. Overall cover dimensions 50 x 25 x 20.		031501		
	2-module DUAL-TERMINALS element same as the above but with 12 input and 12 mirrored output terminals. Overall cover dimensions 100 x 25 x 20.		031502		
	3-module DUAL-TERMINALS element same as the above but with 18 input and 18 mirrored output terminals. Overall cover dimensions 150 x 25 x 20.		031503		

ACCESSORIES

POWERBLOCK PROFESSIONAL POWER SUPPLIES	Export Product-list
	January 2018

TECNODIMENSIONE®

POWER UNITS WITH BUILT-IN BATTERY CHARGER

All the types are equipped with special protections:
- electronic protection in case of short circuit of one or more elements of the batteries
- circuitry fully protected by fast fuses
- with "sealed type" safety transformer
- inside of the sealed transformer is built-in autoresettable "thermal protection device" at 110 °C threshol switching (to provide the complete switch-off of the transformer from the mains, with automatic switch-on when normal situation is restored)
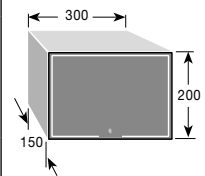- complete with 1,5mt long cable with europlug for 230Vac/50÷60Hz mains.

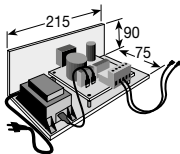|	Description	MODELS		Q.ty N°
MINI-POWERBLOCK metallic housing version	**POWER UNITS HOUSED IN HEAVY DUTY METAL CABINET FOR WALL MOUNTING** - door locked by screw. Compartment to hold 1 medium - size battery 6Ah/12Vdc (or 2 batteries x 1,9 Ah).			
	Power unit with built-in electronic battery charger, housed in heavy duty metal cabinet. Output for 12Vdc/2,7Amps total charge. Complete with "sealed type" safety transformer equipped with built-in autoresettable "thermal protection device" at 110 °C threshold switching. With 1,5 mt cable with europlug for 230Vac/50÷60Hz mains.	**034770A**		
	Power unit with built-in electronic battery charger, housed in heavy duty metal cabinet. Output for 24Vdc/1,5Amps total charge. Complete with "sealed type" safety transformer equipped with buil-in autoresettable "thermal protection device at 110 °C threshold switching. With 1,5 mt cable with europlug for 230Vac/50÷60Hz mains.	**034771A**		
MINI-POWERBLOCK "open" execution (without housing)	**STABILIZED RECTIFIER UNITS WITH BATTERY CHARGER** "Open" execution (without housing) with transformer compacted on "L shape" dissipation plate			
	Battery charger-stabilized rectified unit 12Vdc/2,7A total charge. Complete with "sealed type" safety transformer equipped with buil-in autoresettable "thermal protection device at 110 °C threshold switching. With 1,5 mt cable equipped with europlug for 230Vac/50÷60 Hz mains. Output cable for 12Vdc equipped with "faston" terminals.	**S034770G**		
	Battery charger-stabilized rectified unit 24Vdc/1,5A total charge. Complete with "sealed type" safety transformer equipped with buil-in autoresettable "thermal protection device at 110 °C threshold switching. With 1,5 mt cable equipped with europlug for 230Vac/50÷60 Hz mains. Output cable for 24Vdc equipped with "faston" terminals.	**S034771G**		
	NOTE: The published prices do not include the batteries. Must be used specific rechargeable batteries "lead sealed type" (typical type for alarm systems).			

STABILIZED POWER UNITS (without battery charger)
- Fitted with a PTC protection device against short-circuits.
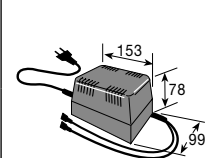
	Description	MODELS		Q.ty N°
MICRO-POWERBLOCK	Housed into a black plastic compact box for wall mounting (or desktop). Complete with 1,5 mt cable equipped with euro plug for 230Vac/50÷60 Hz. Output cable for 12Vdc equipped with "faston" terminals.			
	Stabilized power supply unit with PTC protection. For 230Vac/50÷60 Hz mains - output 12Vdc/1,2Amp.	**034779B21**		

ACCESSORIES