

force[⚡]

FREQUENZ-28/ 48



Multilanguage
Version 1.0

NL
EN
DE
FR

force[⚡]

FREQUENZ-28/ 48



INSTALLATIE/ ONDERHOUD
AANDRIJVING VOOR INDUSTRIEDEUREN

handleiding versie 1.0



- 0,55 kW tot 28m² deurblad
- 1,00 kW tot 49 m² deurblad

Begininstellingen

(moeten bij iedere nieuwe installatie ingesteld worden)

B Randapparatuur aansluiten (bijv. lichtgordijn)	
Aansluiting bedrading	vanaf p. 12
C Besturing inschakelen	p. 2
D Taal instellen	p. 3
E Datum instellen	p. 3
F Juiste instellingenprofiel laden	p. 4
G Deurpositie instellen: draairichting controleren	p. 5
H Deurpositie instellen: eindposities instellen	p. 5

Indien bij stap F 'P1' gekozen is, ga dan verder met..

I	Deurposities instellen: Positie 2,50 m	P.6
J	Inleren krachtherkenning	P.6
L	Krachtherkenning - sluitkracht controleren	P.8

Indien bij stap F 'P2' is gekozen, ga dan verder met....

I	Deurposities instellen: Positie 2,50 m	P.6
J	Inleren krachtherkenning	P.6
K	Fotocellen in dagmaat uitschakelen	P.7
L	Krachtherkenning - sluitkracht controleren	P.8

Indien bij stap F 'P3' is gekozen dan is er geen vervolgstap noodzakelijk.

Indien bij stap 'P4' is gekozen, ga dan verder met....

I	Deurposities instellen: Positie 2,50 m	P.6
K	Fotocellen in dagmaat uitschakelen	P.7

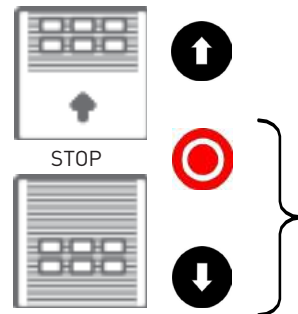


Optionele instellingen

Ma	Optioneel: Deelopening activeren	P. 9
Mb	Optioneel: Deelopening De-activeren	P. 9
N	Optioneel: Wachtwoord instellen	P. 10
O	Optioneel: FU-instellingen, snelheid aanpassen	P. 10
P	Optioneel: Automatisch sluiten na tijd.	P. 11
Q	Optioneel: Krachtgevoeligheid aanpassen	P. 11

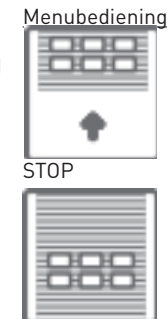
C Besturing inschakelen, menu oproepen (Programmering starten)
Menu aanroepen ( +  5sec.

indrukken) en menubediening



Programmering starten!
 (5 sec. tegelijk indrukken)

Wachtwoord
 (indien actief)



In menu naar boven

BEVESTIGEN

In menu naar onder

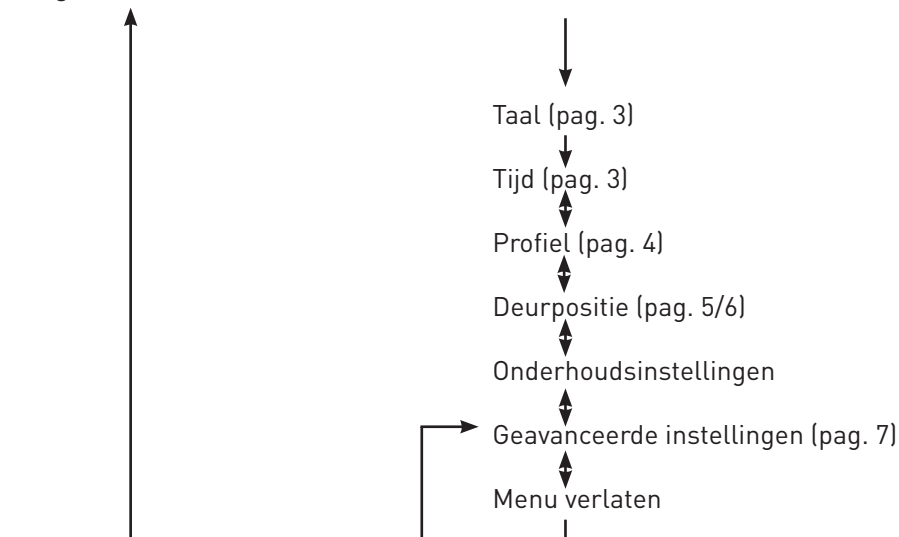
PROGRAMMEERMODUS

HOOFDMENU

GEAVANCEERDE INSTELLING

Programmeermodus

Hoofdmenu



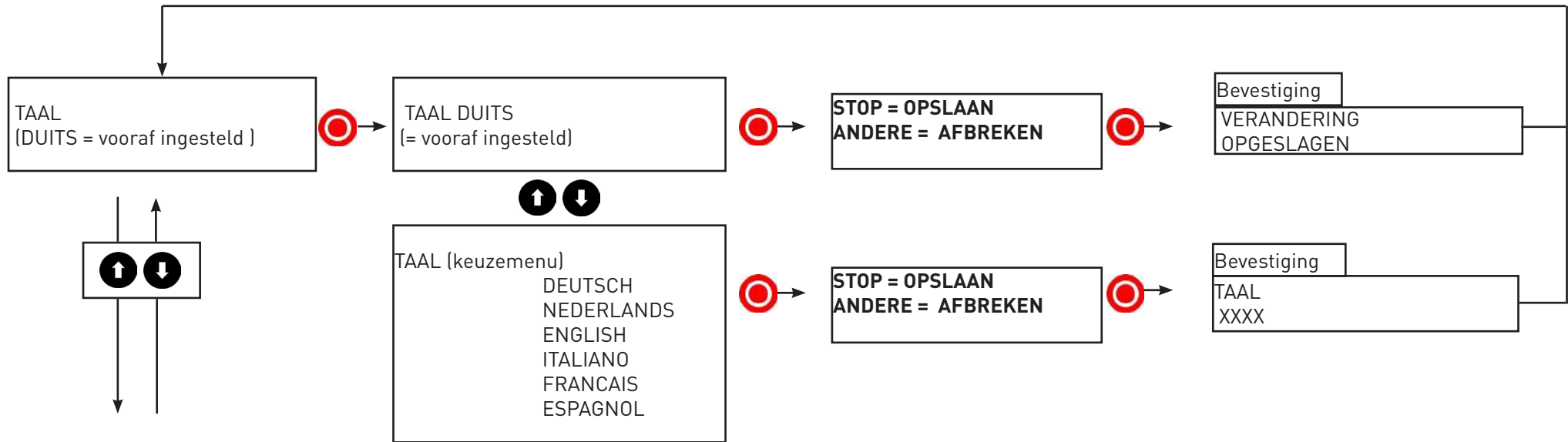
Pag. 12 Aansluitvoorbeeld Service & Bedieningseenheid drukknop + OSE
Pag. 13 Aansluitvoorbeeld handzender, trekschakelaar, fotocellen, lichtgordijn
Pag. 14 Aansluitvoorbeeld verkeerslicht Rood/ Groen, tegen.
Pag. 15 Aansluiting aan besturing met sockets

Wachtwoord (pag. 10)
 ⇕
 Drehgeber
 ⇕
 FU-Instellingen (pag. 10)
 ⇕
 Krachtdetectie (pag. 11)
 ⇕
 Veiligheidsvoorzieningen
 ⇕
 Bedrijfsmodus
 ⇕
 Laser/ Radar
 ⇕
 Relais
 ⇕
 Speciale instellingen (pag. 11)
 ⇕
 terug naar hoofdmenu

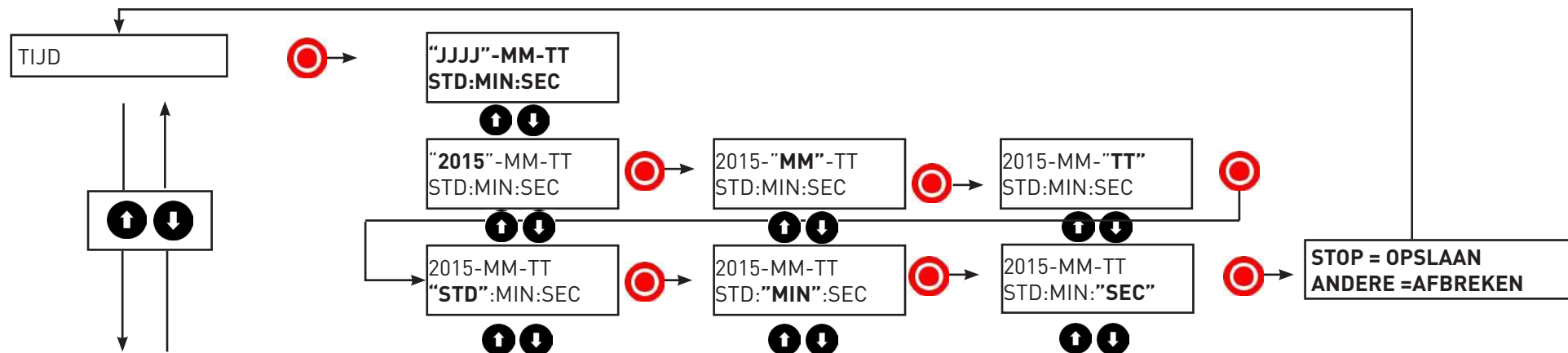
Speciale instellingen

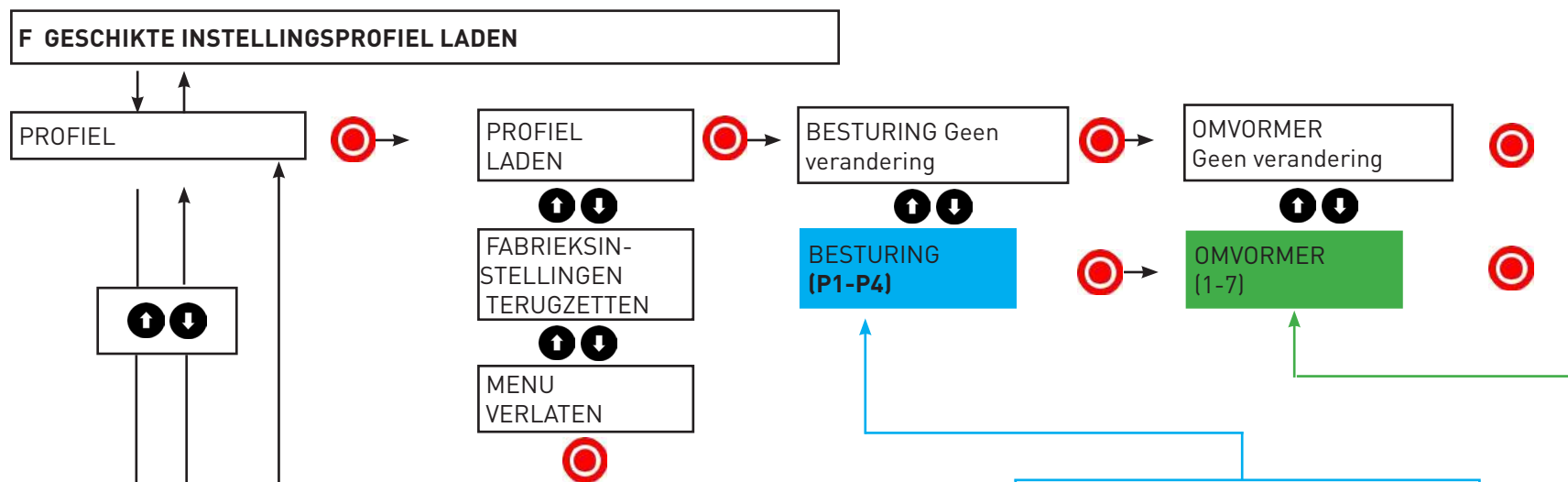
Autom. sluiten (pag. 11)
 ⇕
 Autom. sluiten na tijd (pag. 11)
 ⇕
 Veiligheidseindschakelaar
 ⇕
 Vooreindschakelaar
 ⇕
 rempunt
 ⇕
 ext. stop logig
 ⇕
 Deurtype
 ⇕
 Selectie verlaten

D Taal instellen



E Datum instellen

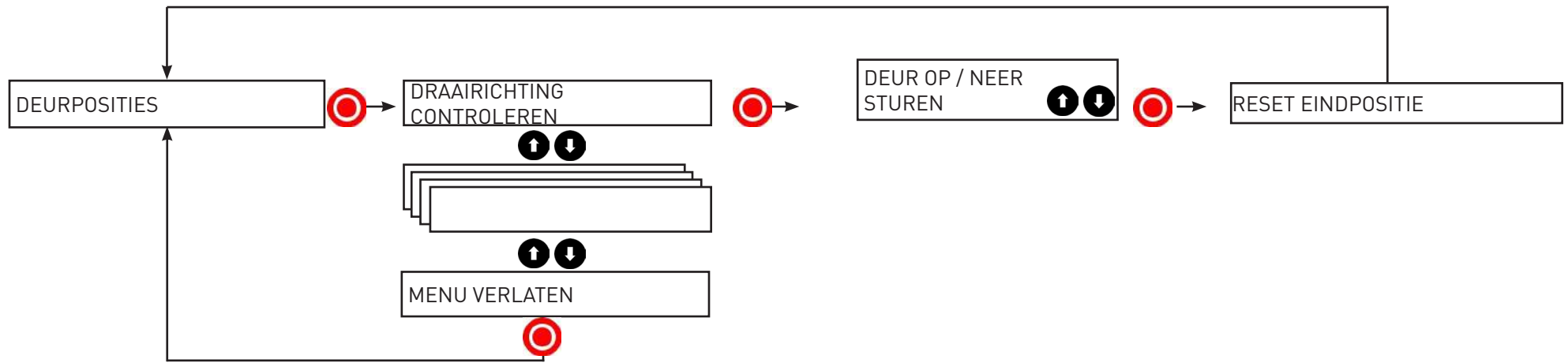




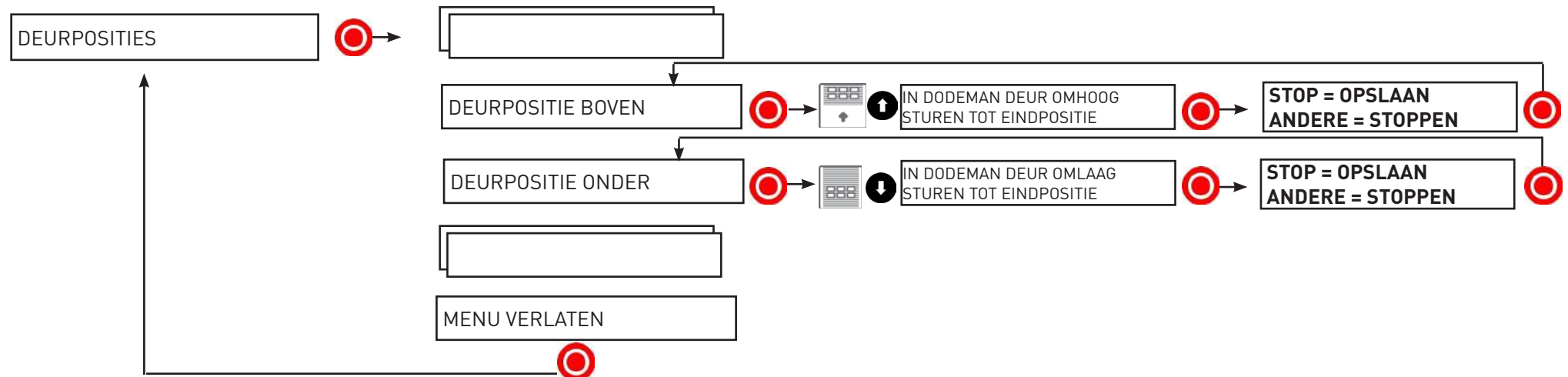
Programma: Besturing	P1	P2	P3	P4
Fotocellen (P &F G D 18 / G V 18 / 7 3 / 12 0)		x		x
Lichtgordijn (C e d e s S Y - 2 5 9 0 - 2 4 , S B , F			x	
Sluiten na doorrijden na 5 seconden		x	x	x
Automatisch sluiten na 20 seconden		x	x	x
Krachtherkenning A B	80%	80%		
Service – Deurcycli	25.000	25.000	25.000	25.000
Service – Na aantal dagen	365	365	365	365
OSE				x

Nummer im Display		1	2	3	4	5	6	7
Ø Kabeltrommel		126 mm	158 mm	200 mm	190 mm	240 mm	220 mm	280 mm
Aanduiding		Normal Lift	Normal Lift	Normal Lift	High Lift	High Lift	Vertical Lift	Vertical Lift
maximale deurgrootte	m2	23 m2	23m2	40m2	30m2	38m2	18m2	35m2
maximale deurhoogte		3.50 m	5.50 m	9.75 m	3.00 m	4.20 m	5.00 m	8.40 m

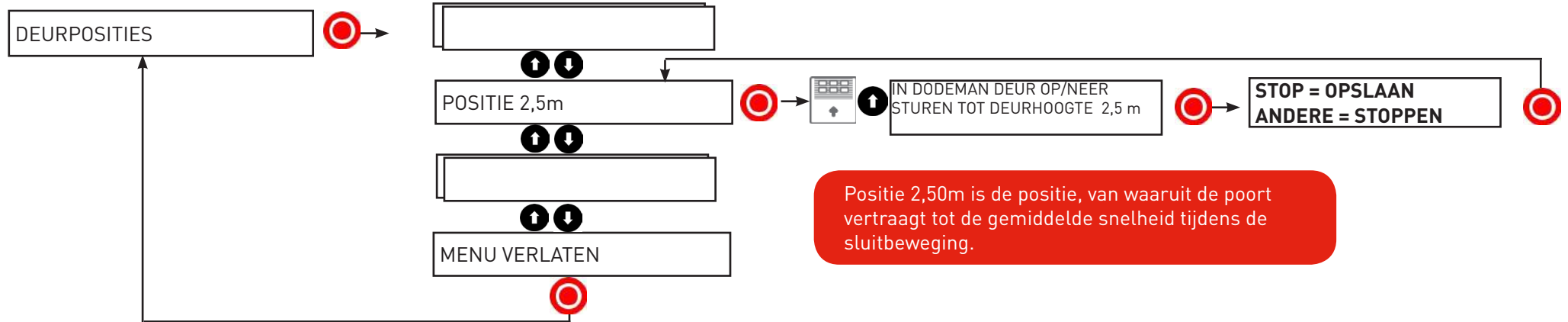
G Deurposities instellen: Draairichting controleren



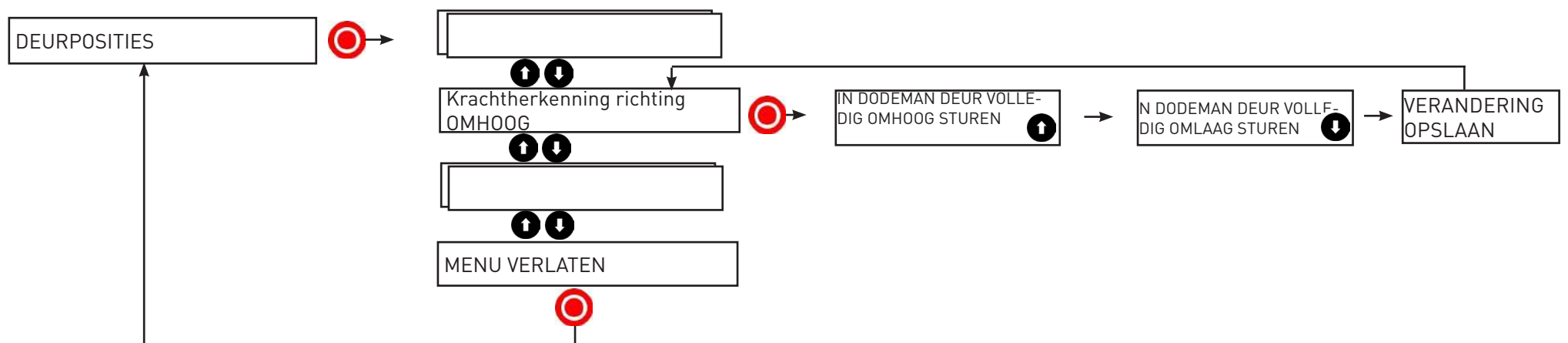
H Deurposities instellen: Eindposities instellen



I Deurposities instellen: Positie 2,50 m
(Alleen bij profiel P1 & P2)



J Inleren krachtherkenning
(Alleen bij profiel P1 & P2)



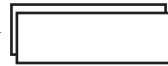
K Fotocellen in deurkozijn uitschakelen.

(Alleen bij P2 & P4 fotocellen in deurkozijn noodzakelijk)

GEAVANCEERDE
INSTELLINGEN



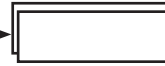
VEILIGHEIDS
VOORZIENING



KLEM 2 (LS) FOTO-
CELLEN



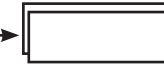
MEETINSTRU-
MENT FOTOCEL-
LEN



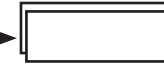
TESTING TESTSIG-
NAAL HI



ACTIEVE RICHT-
ING OMLAAG



BIJ ACTIVEREN
VOLLEDIGE OM-
KERING



UITSCHAKELEN
ACTIEF



POS. UITSCHAKELEN



DEUR 5 cm BOVEN FOTO-
CELLEN STUREN

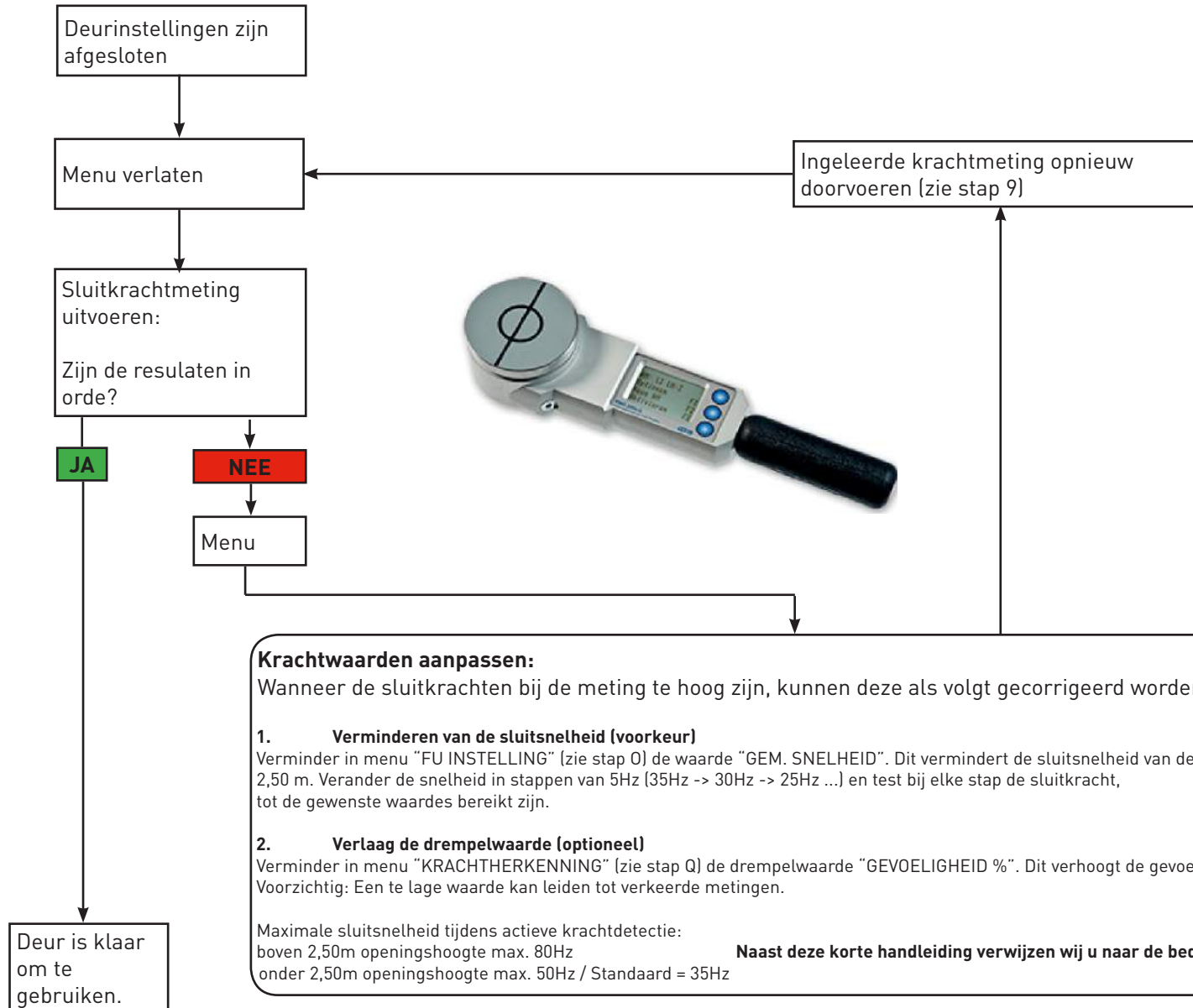


STOP = OPSLAAN
ANDERE = STOPPEN

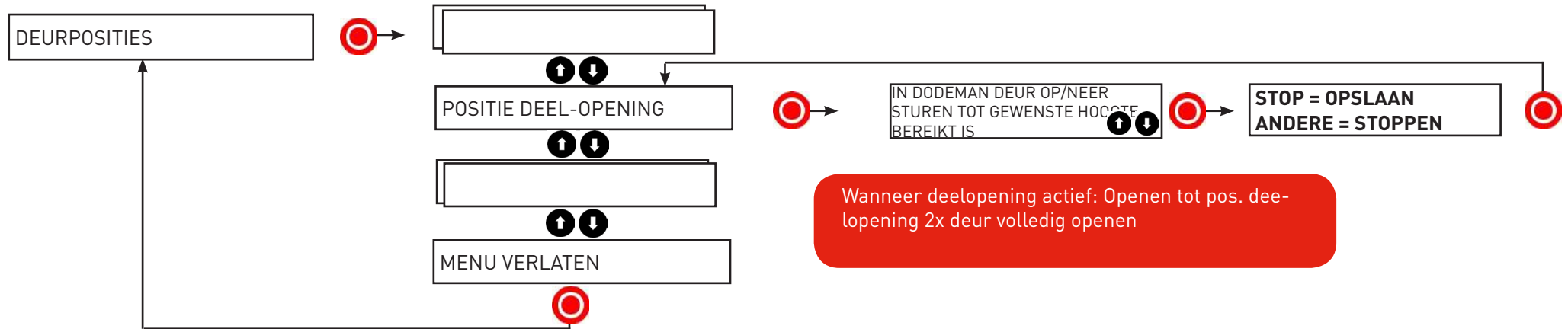


Als uitschakelen actief: De fotocellen zijn inactief, zolang de deur zich onder de ingestelde positie bevindt.

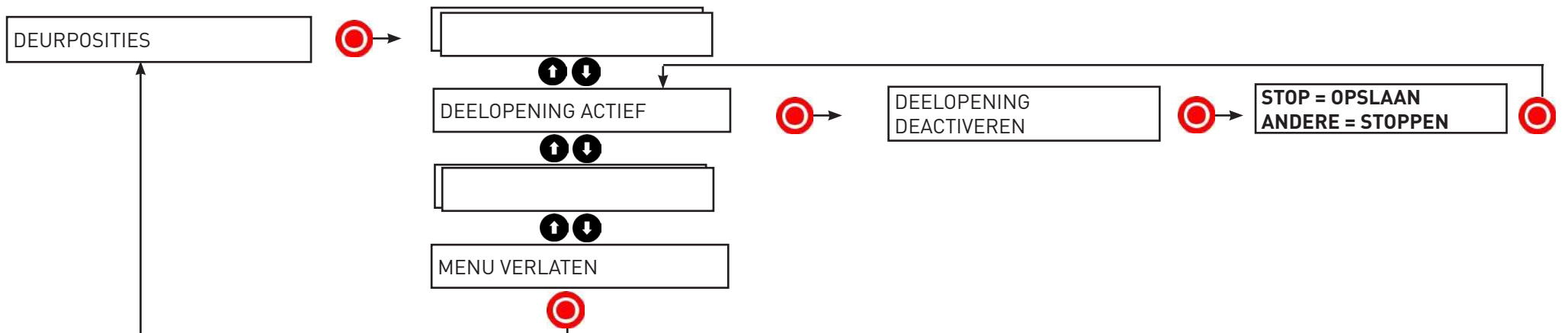
L Krachtherkenning – Sluitkracht controleren
(Alleen bij profiel P1 & P2)



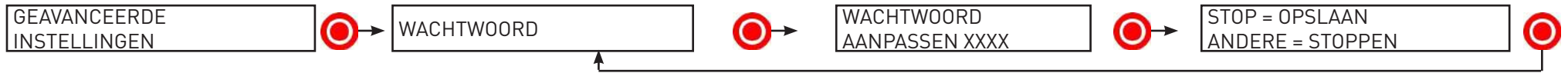
Ma Optioneel: Deelopening Activeren



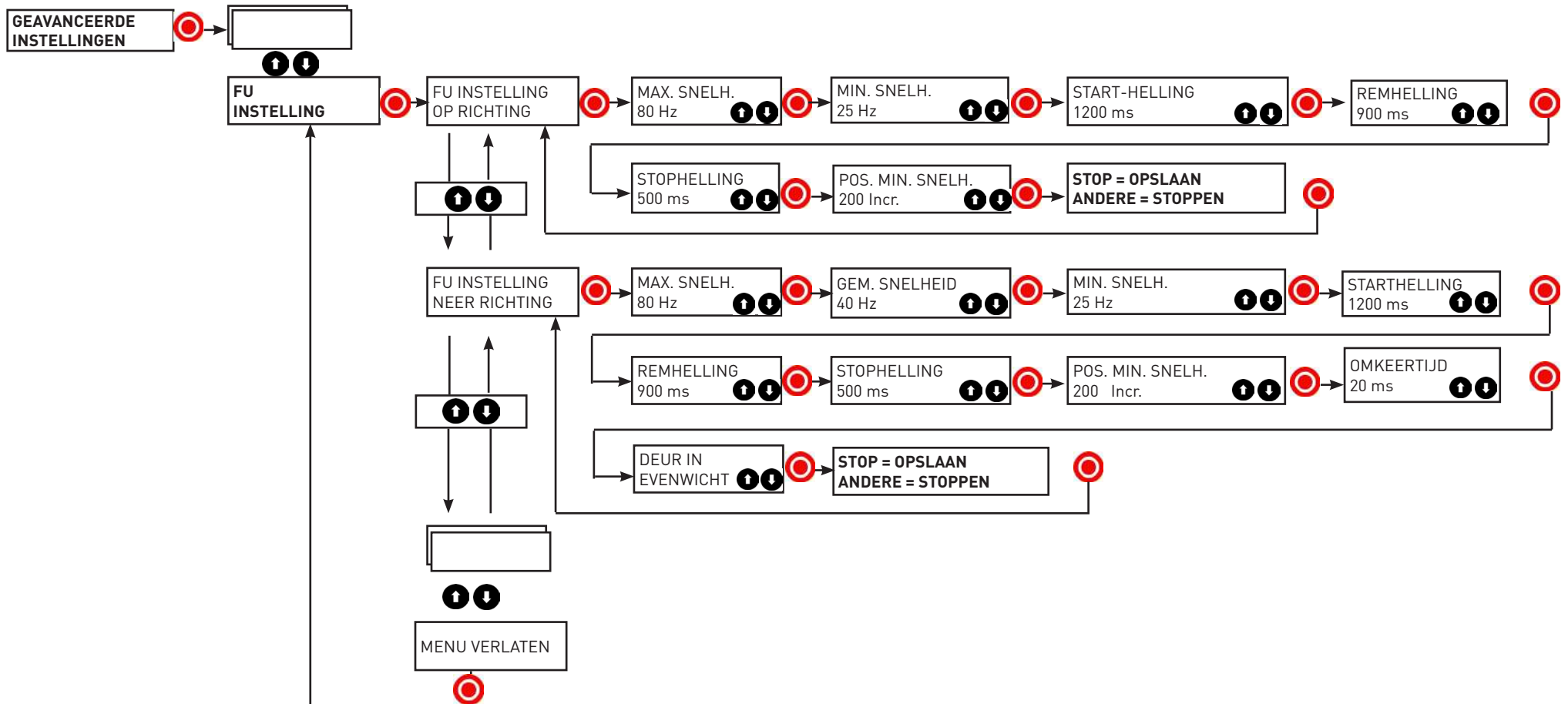
Mb Optioneel: Deelopening Deactiveren



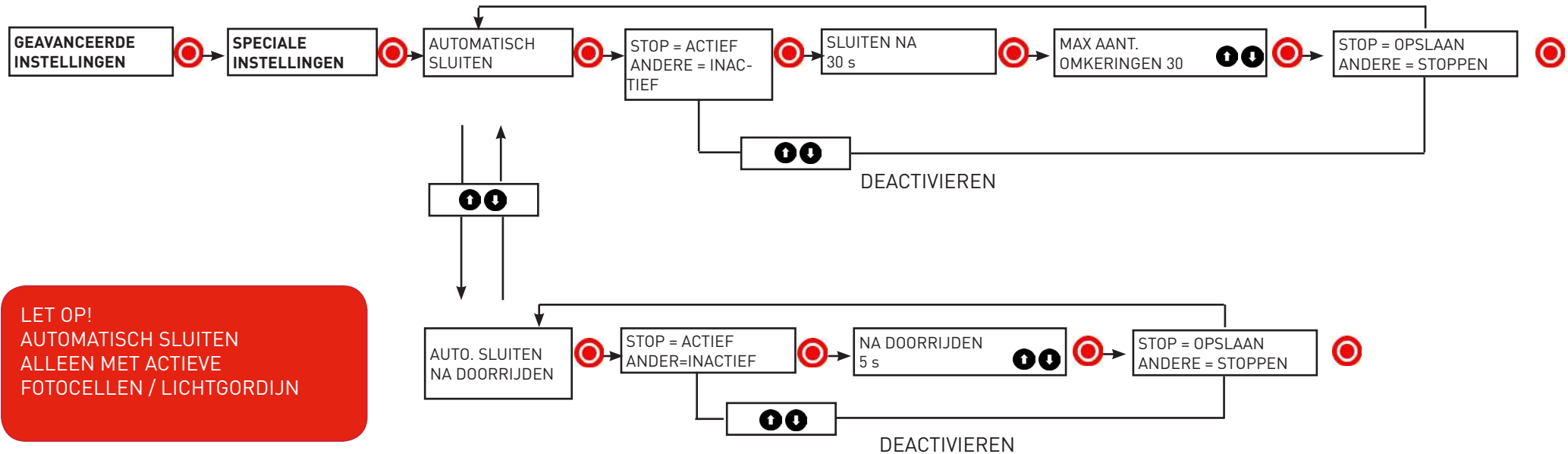
N Optioneel: wachtwoord instellen



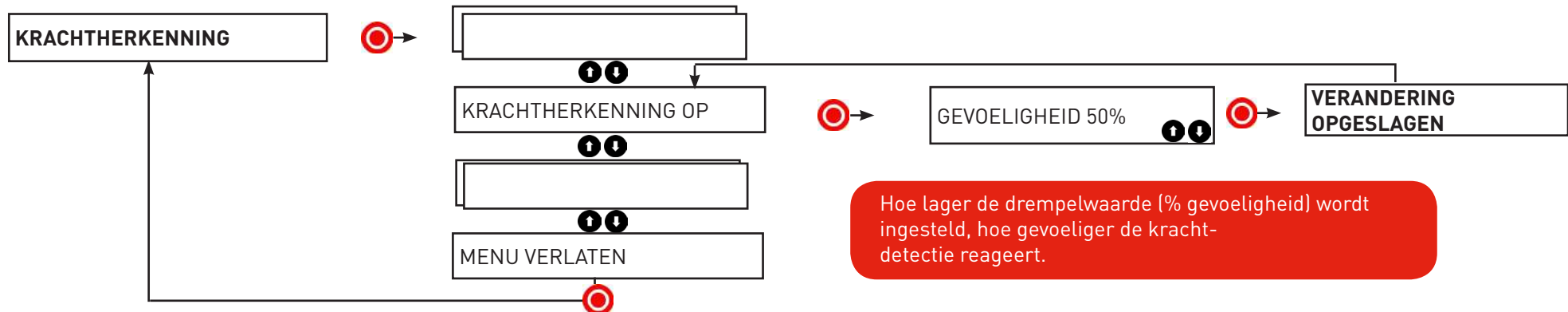
O Optioneel: FU-Instellingen, snelheid aanpassen



P Optioneel: Automatisch sluiten na tijd.
(Alleen met fotocellen / lichtgordijn mogelijk)

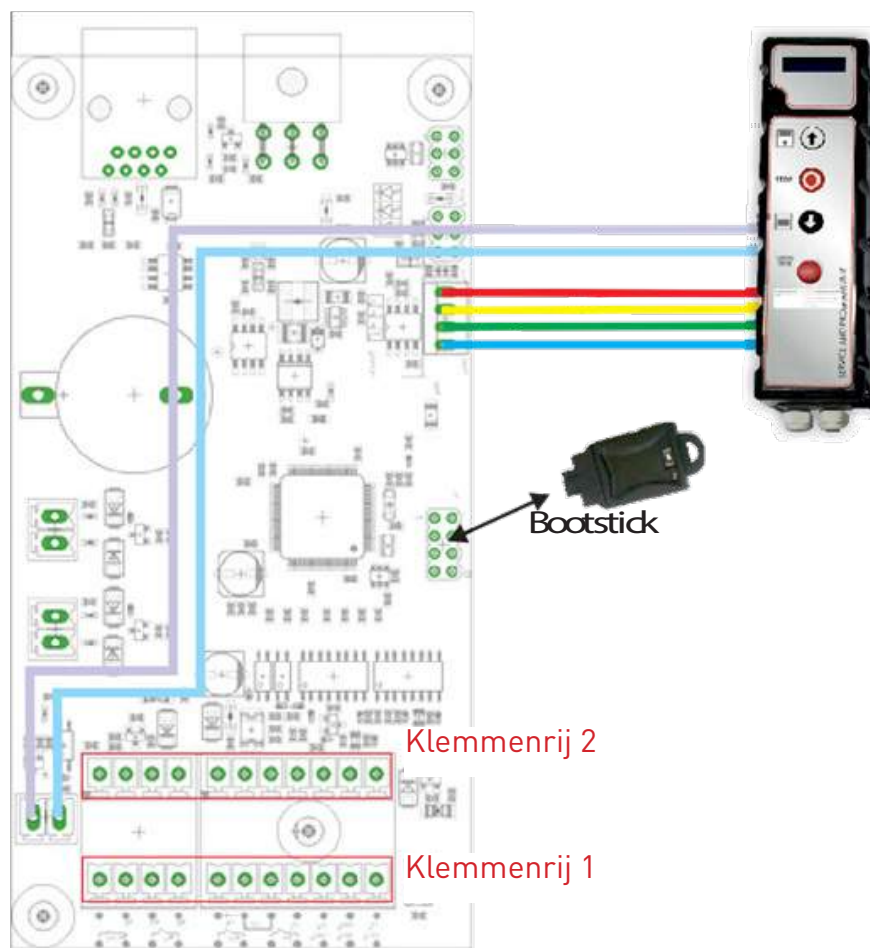


Q Optioneel: Krachtdetectiegevoeligheid aanpassen
(Alleen bij profiel P1 & P2)

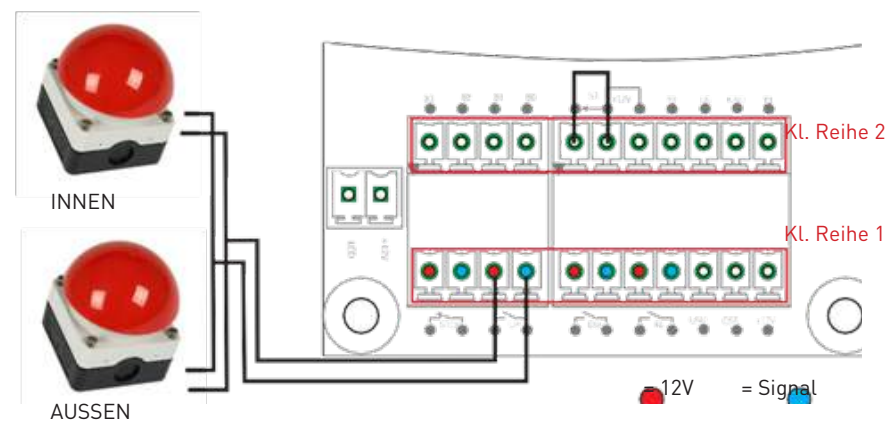


B

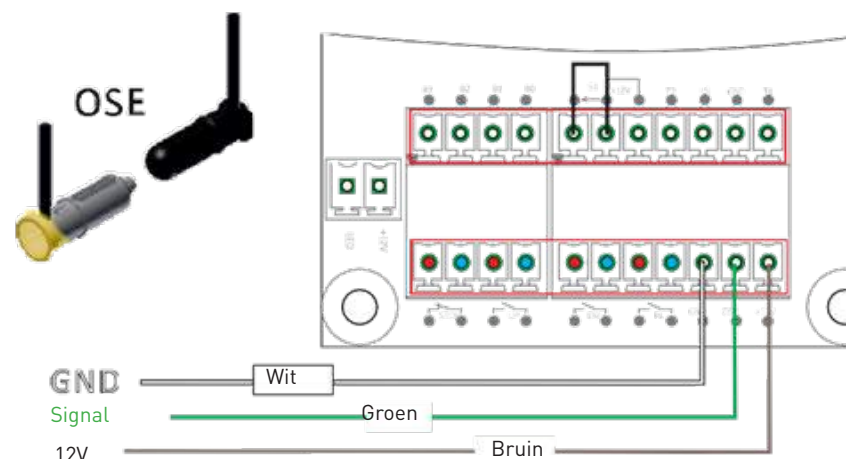
Aansluitvoorbeeld Service- en Bedieningseenheid

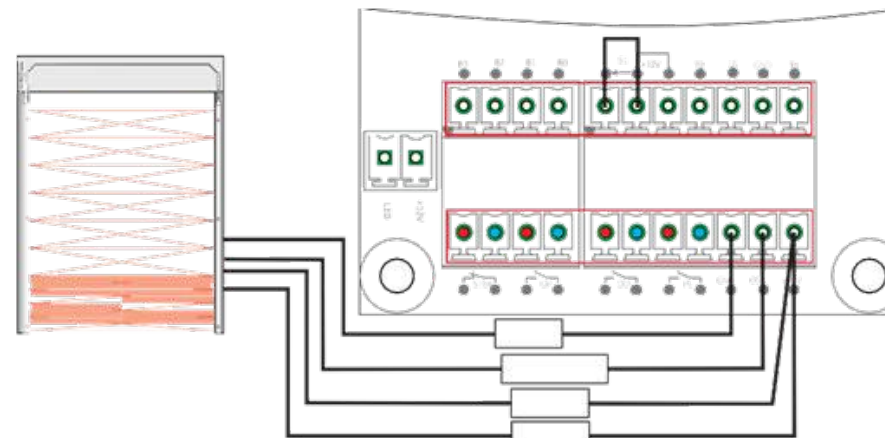
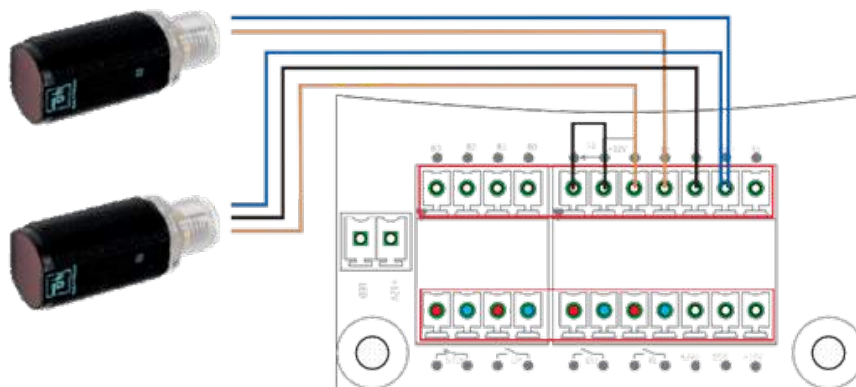
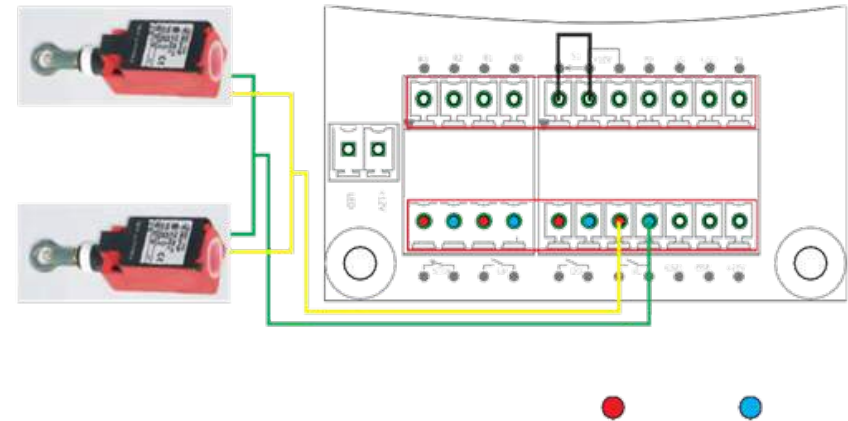
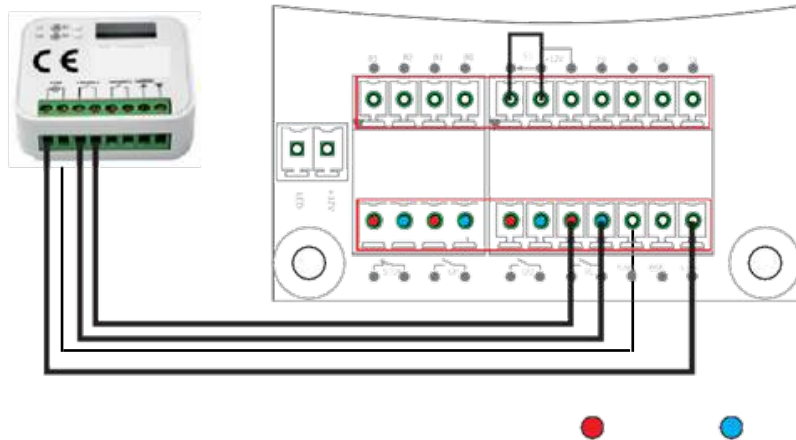


Aansluitvoorbeeld voor drukknop DEUR OPENEN

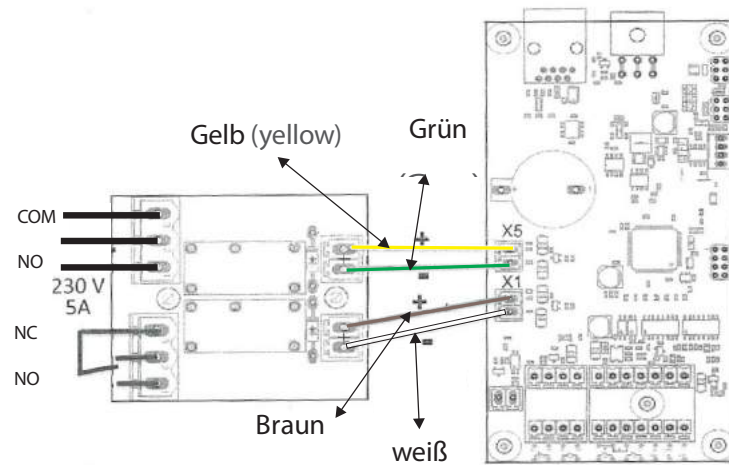


Aansluitvoorbeeld voor OSE



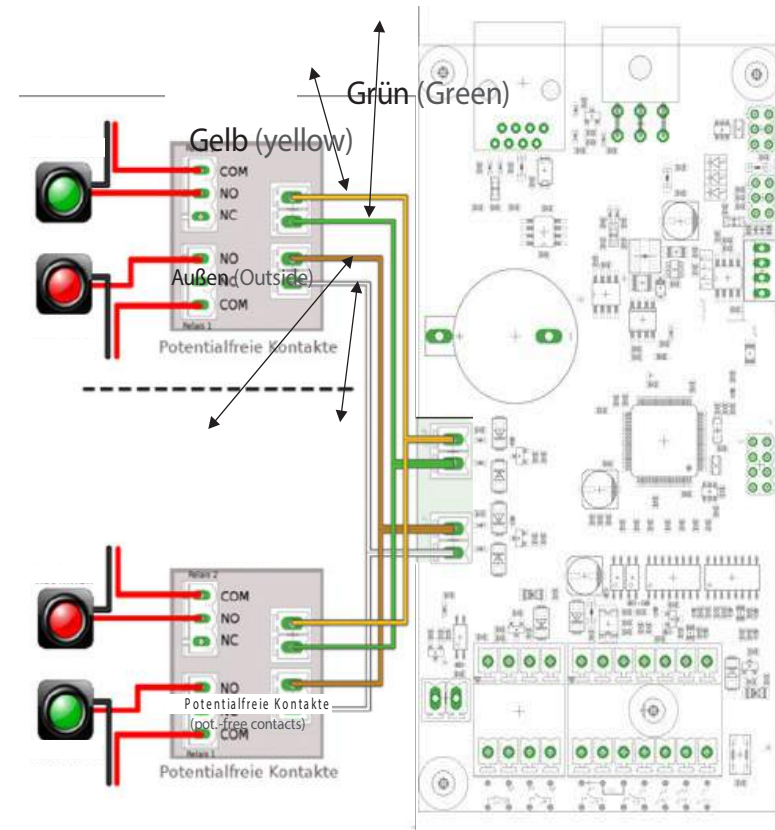


Potentialfreies Relais in der Tordose

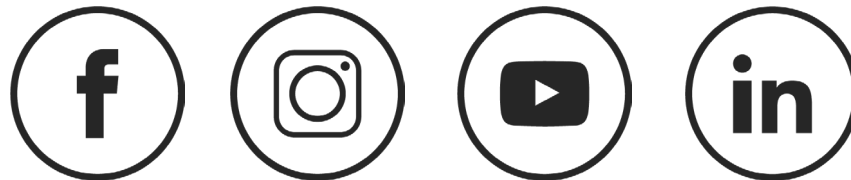


Höchstbelastung Relais
(maximum load): 5A
Anschlussspannung
(connection voltage): 230 V

Rot-Grün Gegenverkehr Ampelschaltung



Volg ons op:



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FREQUENZ-28/ 48



INSTALLATION/ MAINTENANCE
OPERATOR FOR INDUSTRIAL DOORS

manual version 1.0



- 0,55 kW up to 28 m² door leaf
- 1,00 kW up to 49 m² door leaf

Basic settings

(must be set with each time new installation)

B connect existing accessories (e.g. light barrier)	instructions for cabling in appendix	after p. 12
C switch on device, call up menu		p. 2
D setting the language		p. 3
E setting the date		p. 3
F load the appropriate setting profile		p. 4
G setting the door position: check the direction of rotation		p. 5
H setting the door position: adjust final position		p. 5

If selected at step (5), "P1",
then continue with...

I	setting door position:	
	position 2,50 m	p.6
J	learning drive force sensing	p.6
L	force sensing-check closing force	p.8

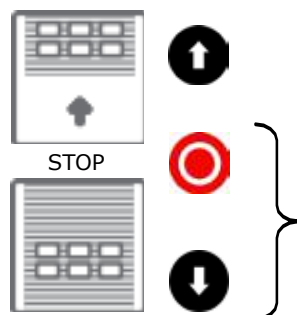
Optional setting

Ma	Optional: Activate partial opening	P. 9
Mb	Optional: Deactivate partial opening	P. 9
N	Optional: Set password	P. 10
O	Optional: FU-settings, adapt speed	P. 10
P	Optional: Automatic closing after time	P. 11
Q	Optional: Adjust closing force	P. 11



C switch on device, call up menu (start programming)

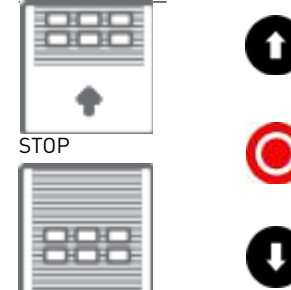
Call up the menu (5sec.) and menu operation



Start programming (push together for 5 sec.)

password (if active)

Menu operation



Up in menu

CONFIRM

Down in menu

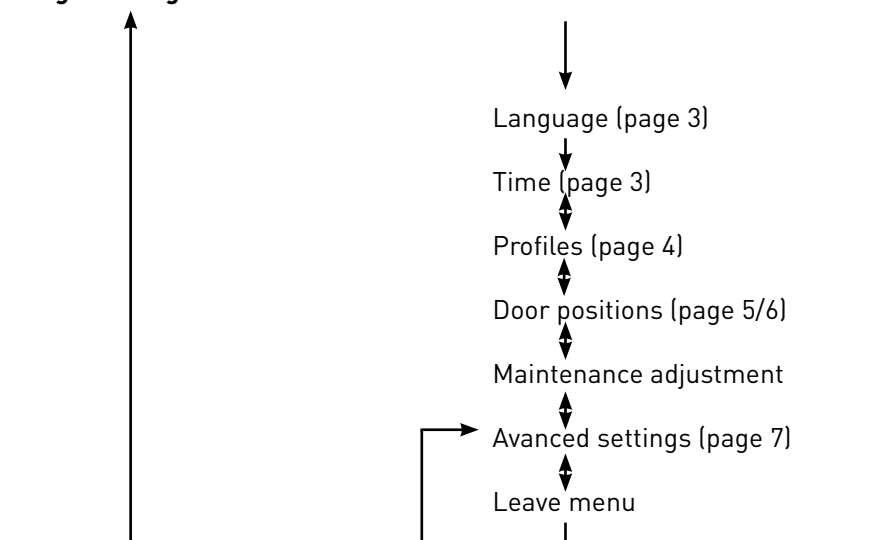
PROGRAMMING MODE

MAIN MENU

Programming mode

Main menu

AVANCED SETTINGS

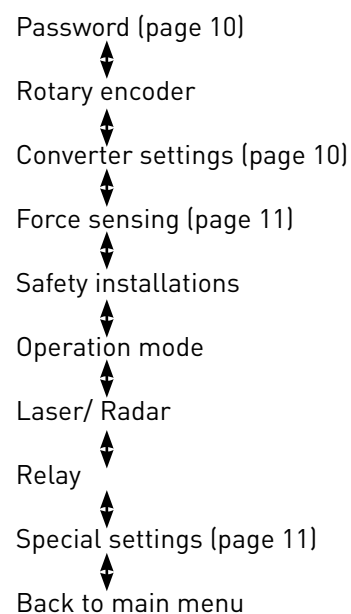


Page 12 connection example service- and operation unit palm button & optical sensor

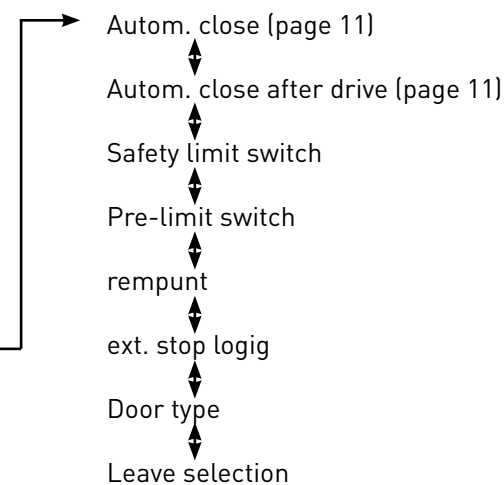
Page 13 connection example radio, pull switch, light barrier, light curtain

Page 14 connection example traffic light red/green

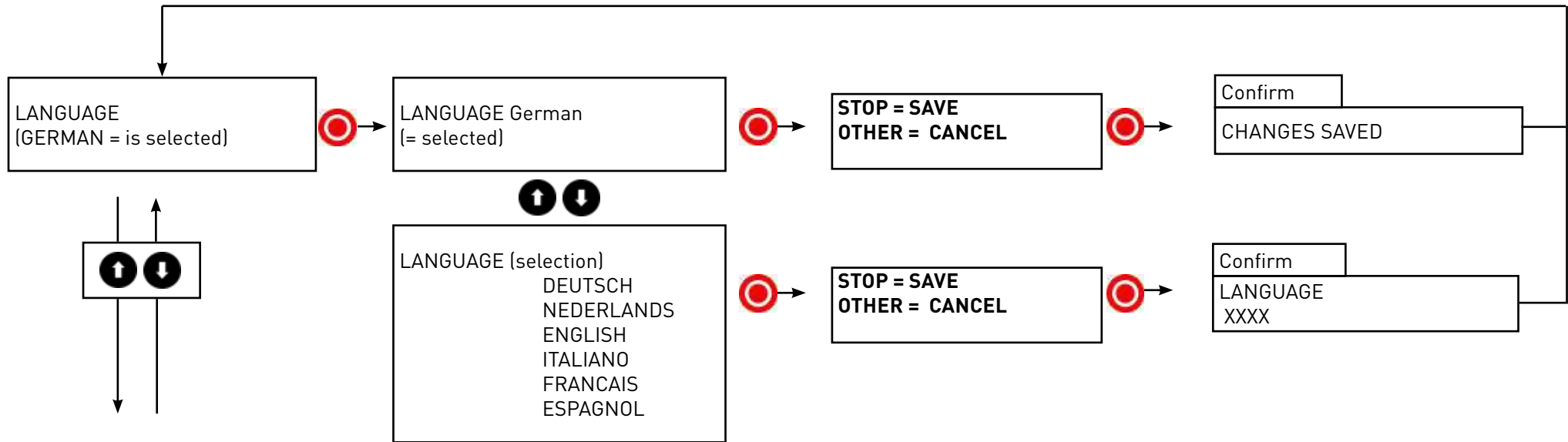
Page 15 connection to housing with plug-in connector



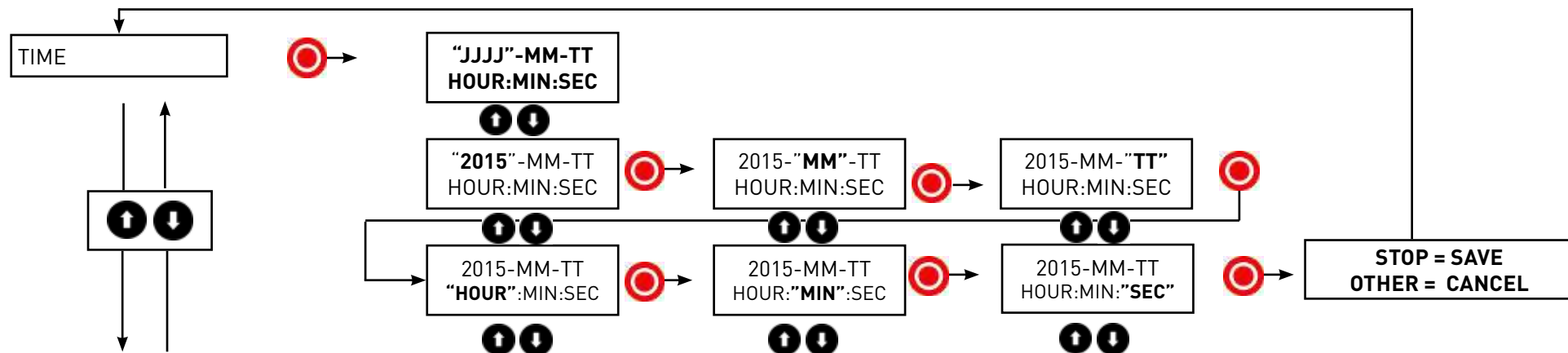
Special settings

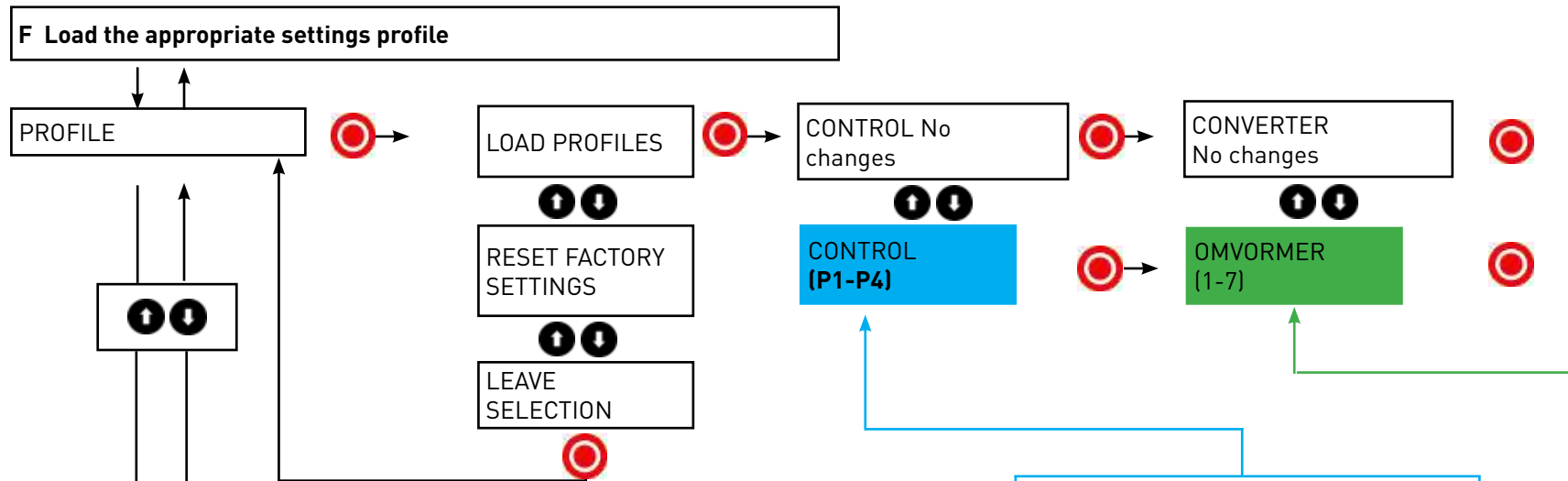


D Setting language



E Setting date

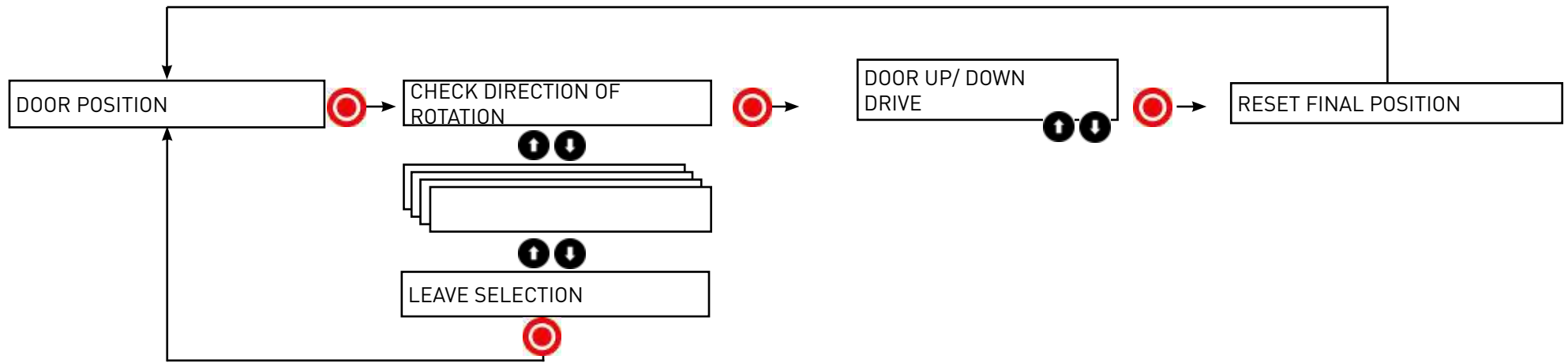




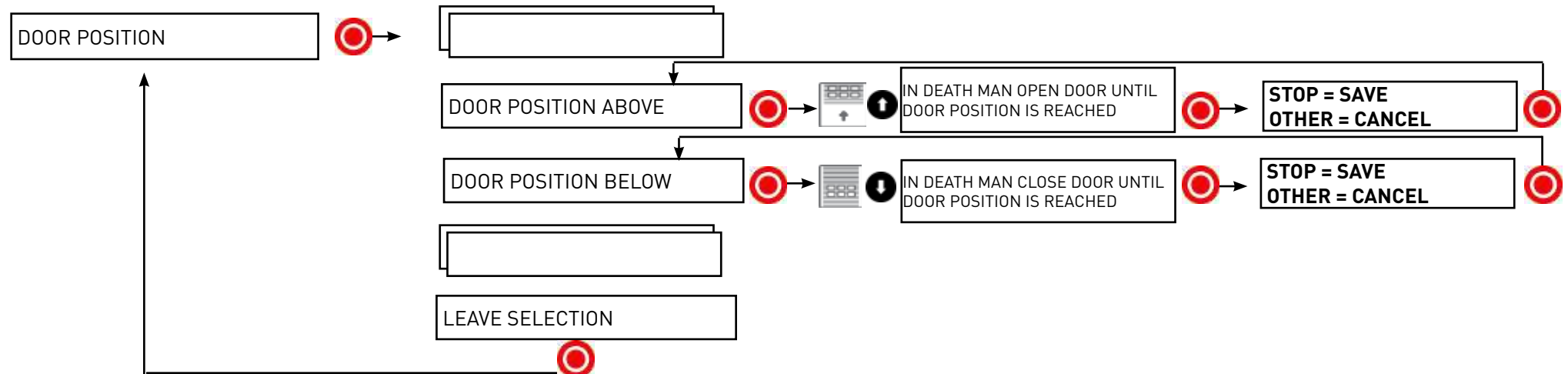
Program: control	P1	P2	P3	P4
Light barrier (P & F G D 18 / G V 18 / 7 3 / 12 0)		x		x
Light curtain (C e d e s Y - 2 5 9 0 - 2 4 , S B , F			x	
Close after pass, after 5 sec.		x	x	x
Autom. close after 20 sec.		x	x	x
Force sensing DOWN	80%	80%		
Service – Door cycle	25.000	25.000	25.000	25.000
Service – Time	365	365	365	365
OSE				x

Number in Display		1	2	3	4	5	6	7
Ø Cable drum		126 mm	158 mm	200 mm	190 mm	240 mm	220 mm	280 mm
Description		Normal Lift	Normal Lift	Normal Lift	High Lift	High Lift	Vertical Lift	Vertical Lift
max. door size	m2	23 m2	23m2	40m2	30m2	38m2	18m2	35m2
max. door height		3.50 m	5.50 m	9.75 m	3.00 m	4.20 m	5.00 m	8.40 m

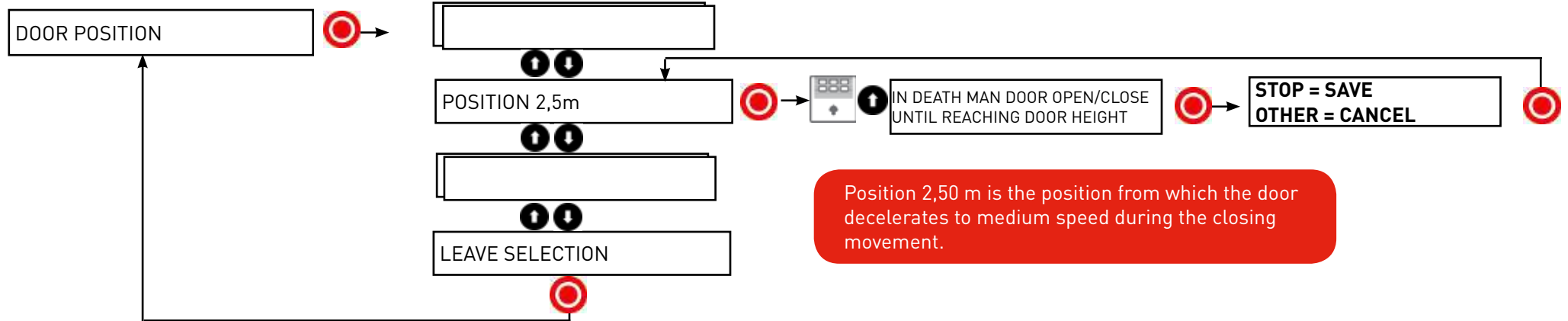
G Setting the door position: check the direction of rotation



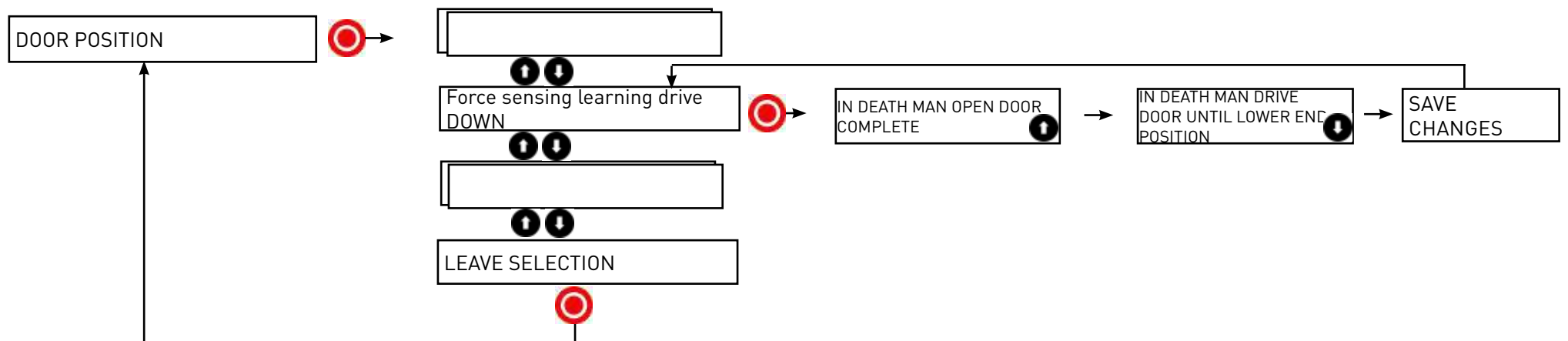
H Setting the door position: Adjust final position



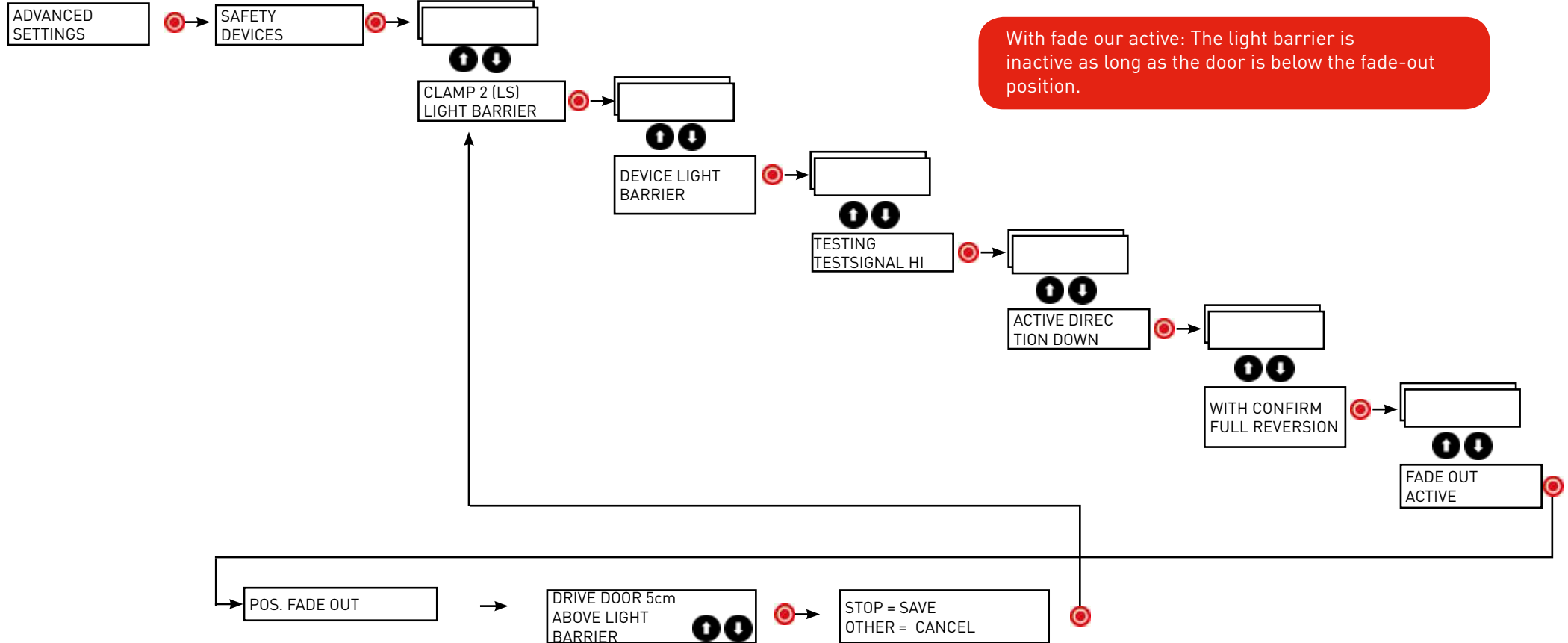
I Setting door position: position 2,50 m
(Only with profile P1 & P2)



J Learning drive force sensing
(only with profile P1 & P2)



K Fading out the light barrier in the door frame
(only necessary with P2 & P4 light barrier in door frame)



L force sensing – check closing force (only with P1 & P2)

Door settings have been completed.

Leave selection

Perform closing force measuring:

Are the measured values OK?

YES

NO

Menu

Door is ready for operation



Adjustment of the force values:

Should the closing forces too high by during the test, so can be corrected as follows:

1. Reducing the closing speed (preferred)

Reduce in the step "frequency converter setting", see step (14), the value "middle speed". This reduces the closing speed of the door in the range below 2,5 m. Here, take in the steps of 5 Hz (35 Hz -> 30 Hz -> 25 Hz) and test the closing speed, until the desired values are reached.

2. Reducing the threshold (optional)

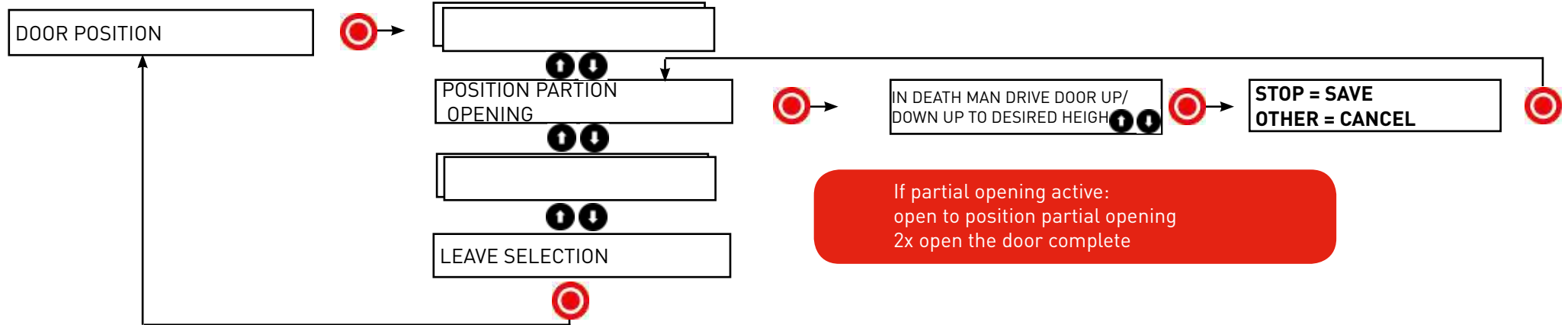
Reduce in the step "force sensing", see step (16), the threshold "sensitivity %". This increases the sensibility of the force sensing. **Attention:** A too low value may result in false activations.

Maximum closing speed with active force sensing:

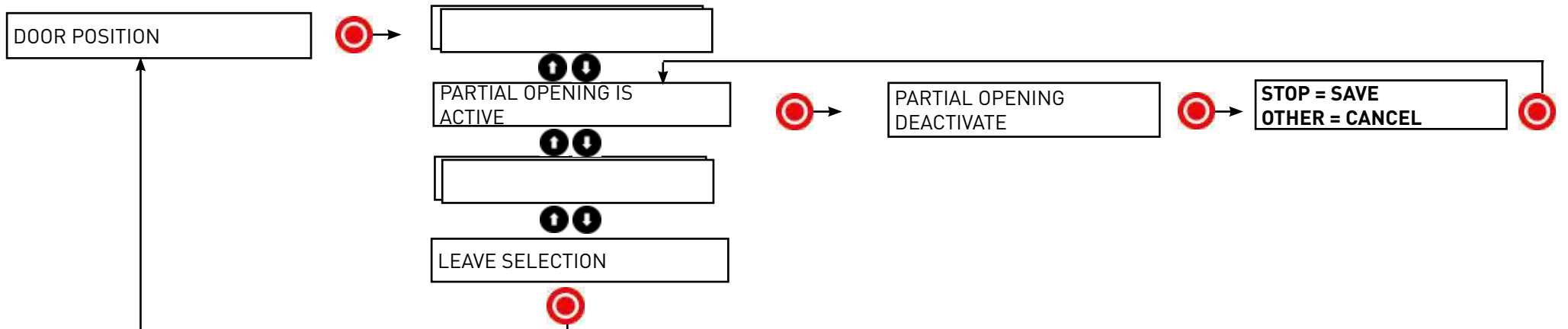
after 2,50 m opening height	max. 80 Hz
up to 2,50 m opening height	max. 50 Hz / standard = 35 Hz

In addition of this short manual, we refer to our operating instructions.

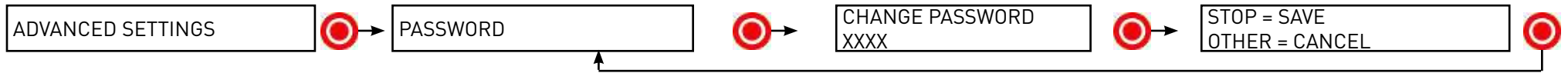
Ma Optional: Activate partial opening



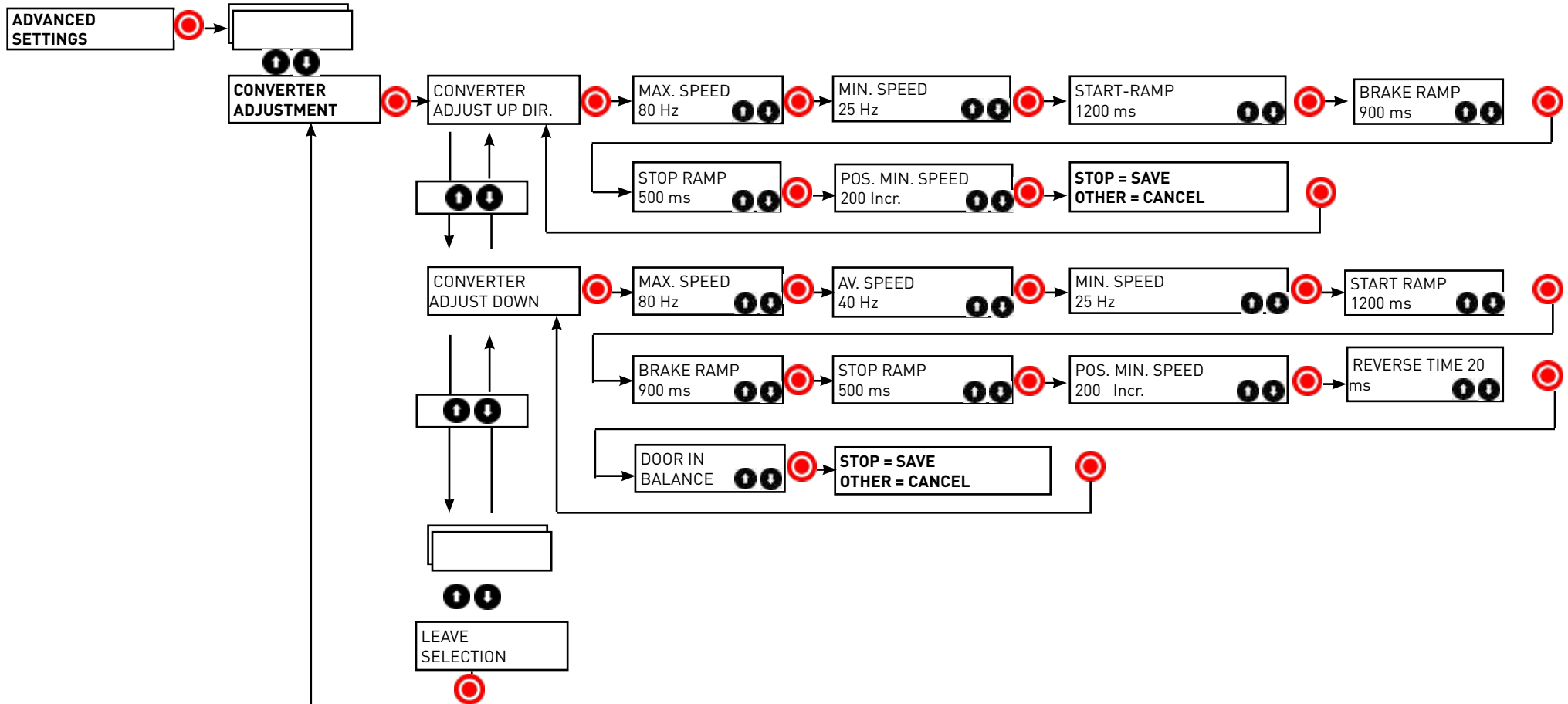
Mb Optional: Deactivate partial opening



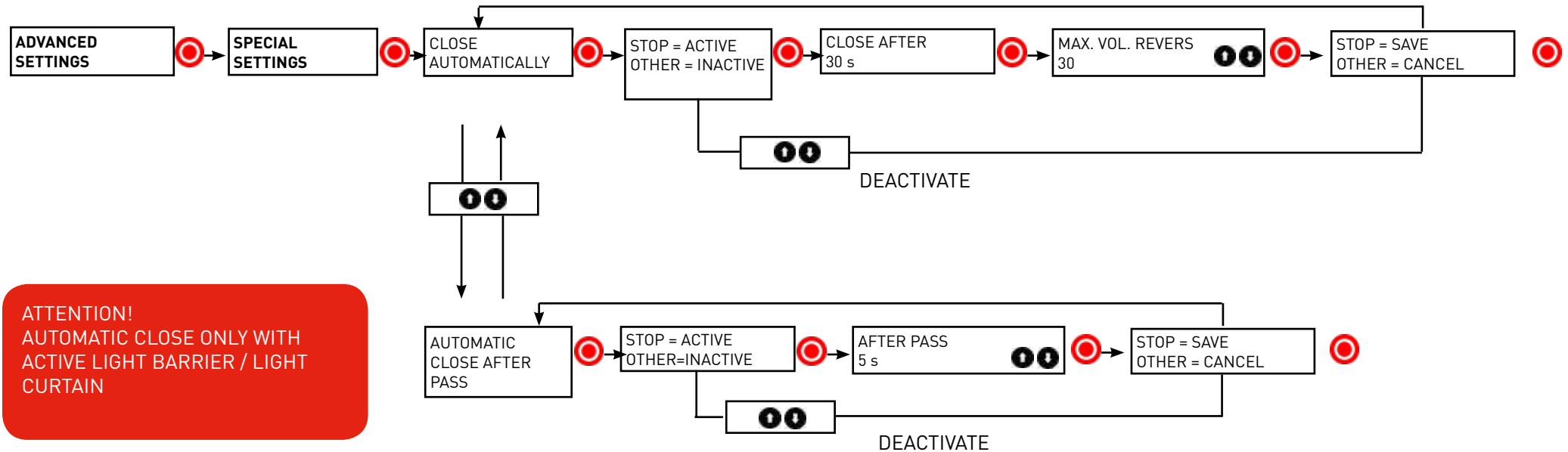
N Optional: password setting



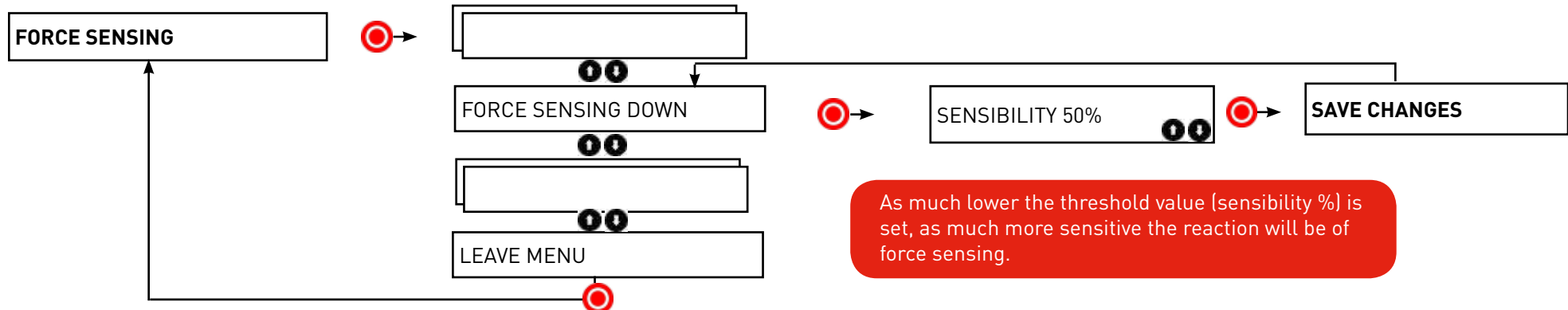
0 Optional: Settings frequency converter, adjust speed



P Optional: Automatically close according to time
(only possible with light barrier / light curtain)

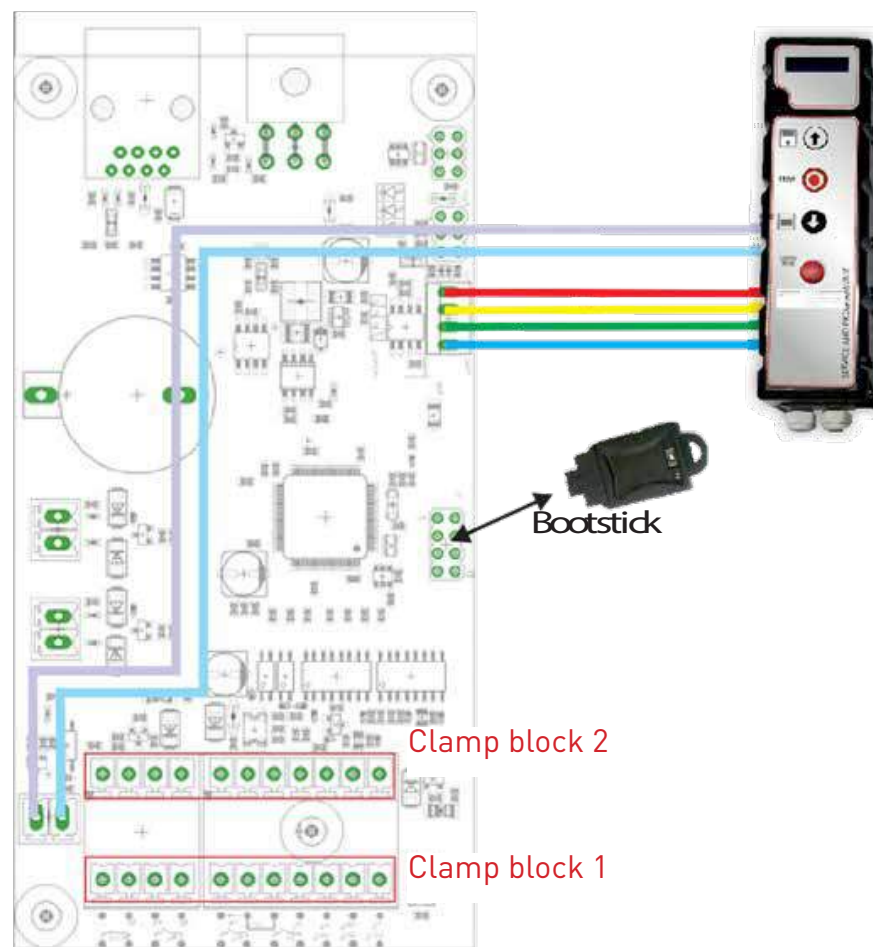


Q Optional: Automatically adjustment force sensing
(Only with profile P1 & P2)

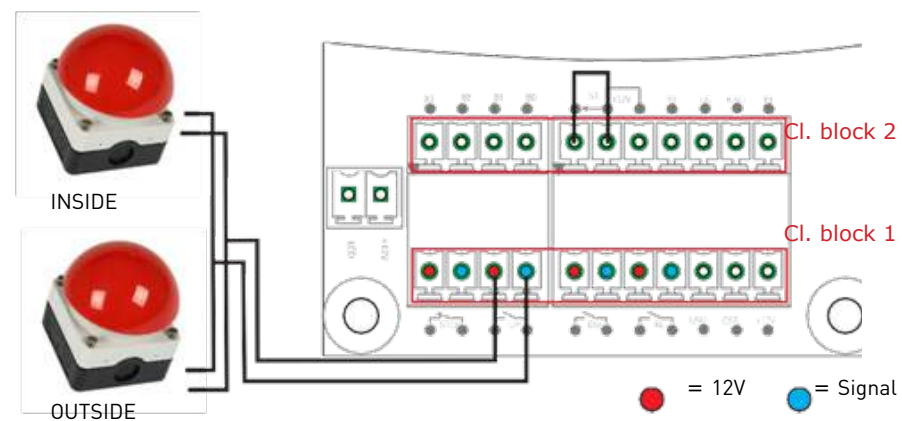


B

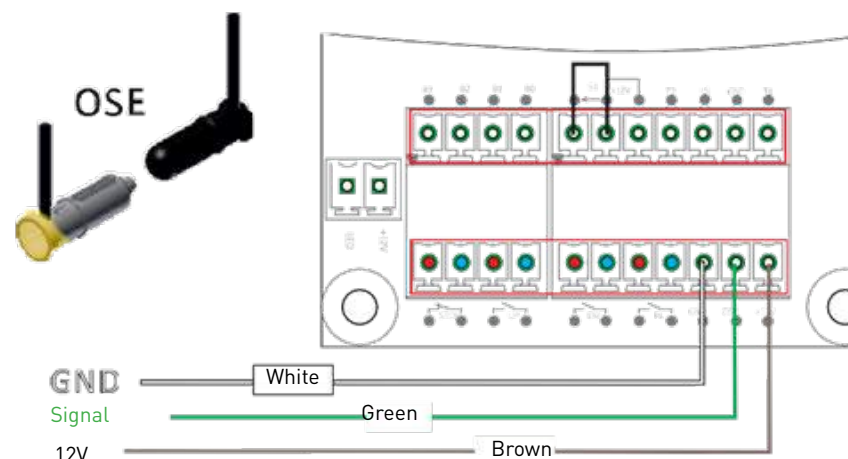
Connection example service- and operation unit

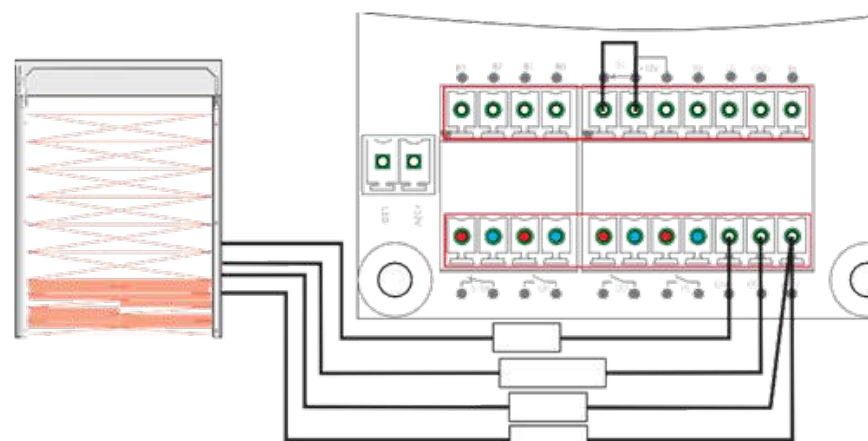
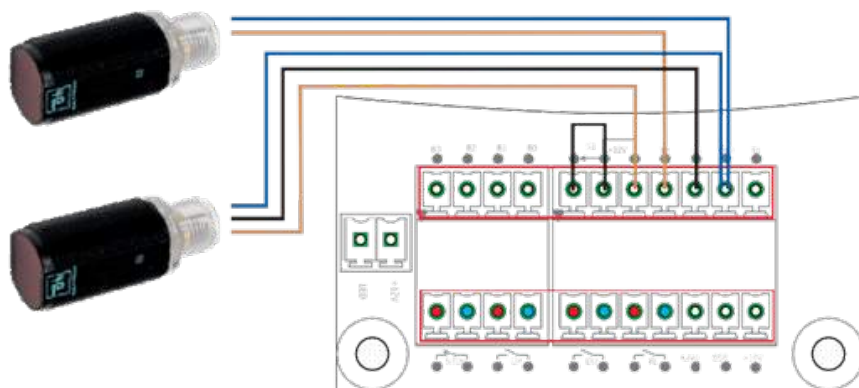
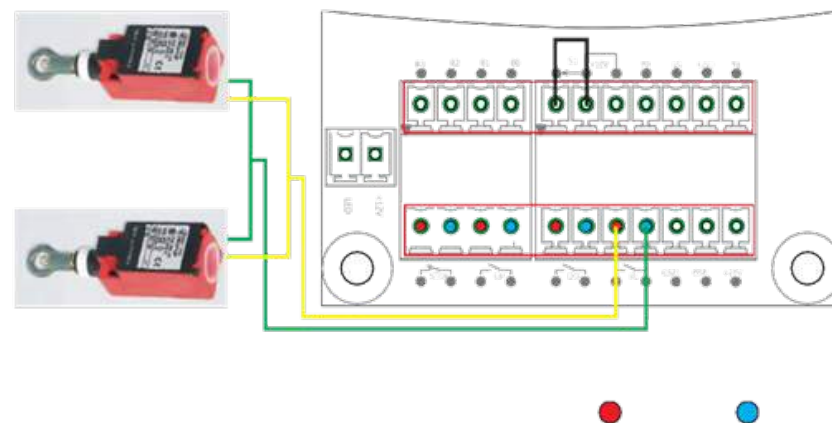
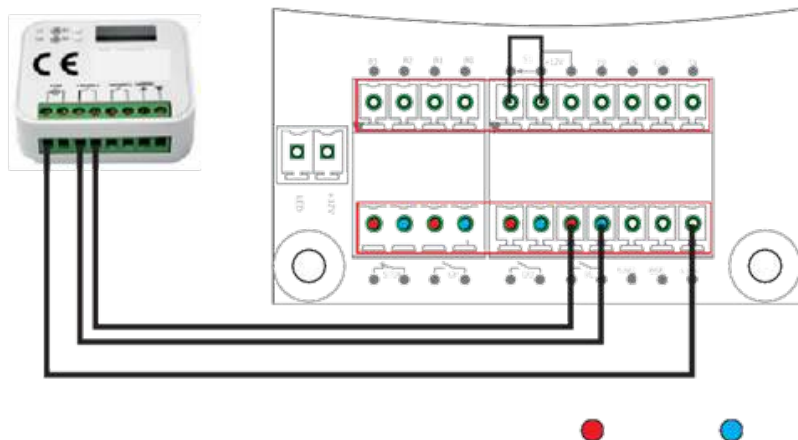


Connection example for push button DOOR OPEN

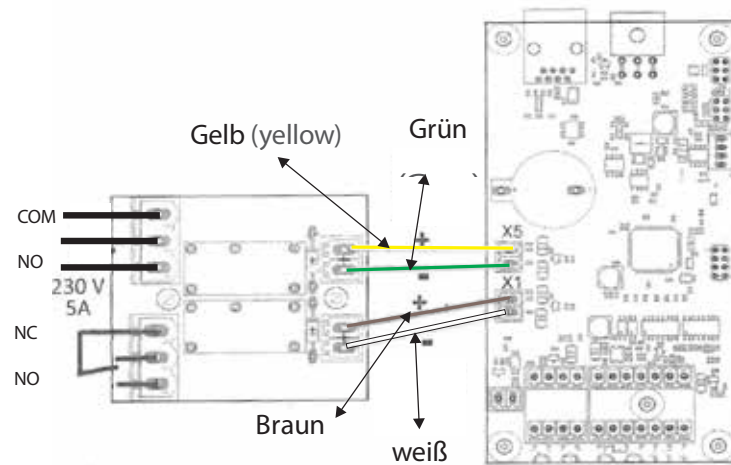


Connection example for OSE



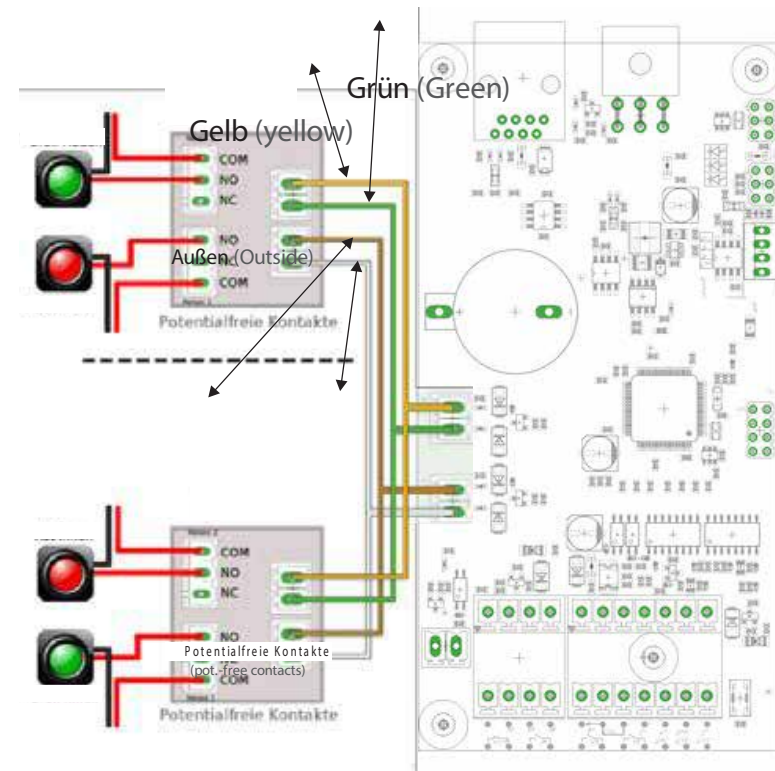


Potentialfreies Relais in der Tordose



Höchstbelastung Relais
(maximum load): 5A
Anschlussspannung
(connection voltage): 230 V

Rot-Grün Gegenverkehr Ampelschaltung



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FREQUENZ-28/ 48



INSTALLATION/ WARTUNG
ANTRIEBE FUER INDUSTRIETORE

Anleitung version 1.0



- 0,55 kW bis 28m² Torblatt
- 1,00 kW bis 49 m² Torblatt

Grundeinstellungen

(müssen bei jeder Neuinstallation eingestellt werden)

B	Vorhandenes Zubehör anschließen (zB Lichtschanke) Verkabelungsanleitungen Anhang	ab S.12
C	Gerät einschalten, Menu aufrufen	S.2
D	Sprache einstellen	S.3
E	Datum einstellen	S.3
F	Passendes Einstellungsprofil laden	S.4
G	Torpositionen Einstellen: Drehrichtung prüfen	S.5
H	Torpositionen Einstellen: Endlagen einstellen	S.5

wenn bei Schritt F 'P1' gewählt, dann weiter mit....

I	Torposition Einstellen: Position 2,50 m	S.6
J	Lehrfahrt Krafterkennung	S.6
L	Krafterkennung-Schließkräfte kontrollieren	S.8

wenn bei Schritt F 'P2' gewählt, dann weiter mit....

I	Torposition Einstellen: Position 2,50 m	S.6
J	Lehrfahrt Krafterkennung	S.6
K	Lichtschanke im Torrahmen ausblenden	S.7
L	Krafterkennung-Schließkräfte kontrollieren	S.8

wenn bei Schritt F 'P3' gewählt, dann ist kein weiterer Schritt notwendig.

wenn bei Schritt F 'P4' gewählt, dann weiter mit....

I	Torposition Einstellen: Position 2,50 m	S.6
K	Lichtschanke im Torrahmen ausblenden	S.7



Optionale Einstellung

Ma	Optional: Teilöffnung Aktivieren	S. 9
Mb	Optional: Teilöffnung Deaktivieren	S. 9
N	Optional: Passwort setzen	S. 10
O	Optional: FU-Einstellungen, Geschw. anpassen	S. 10
P	Optional: Automatisch Schließen nach Zeit	S. 11
Q	Optional: Krafterkennung Empfindlichkeit anpassen	S. 11

C Gerät einschalten, Menu aufrufen (Programmierung starten)

Aufrufen des Menus [ +  5sek.

drücken) und Menübedienung



STOP

Programmierung starten!
(5 Sek. gemeinsam drücken)

Passwort
(falls aktiv)

Menübedienung



STOP



Im Menü nach oben

BESTATIGEN

Im Menü nach unten

PROGRAMMIERMODUS

HAUPTMENÜ

Programmiermodus

Hauptmenü

ERWEITERTE EINSTELLUNG

SONDEREINSTELLUNG

Language (Seite 3)

Uhrzeit (Seite 3)

Profile (Seite 4)

Torpositionen (Seite 5/6)

Wartungseinstellung

Erweiterte Einstellungen (Seite 7)

Menü verlassen

Passwort (Seite 10)

Drehgeber

FU-Einstellungen (Seite 10)

Krafterkennung (Seite 11)

Sicherheitseinrichtungen

Betriebsmodus

Laser/ Radar

Relais

Sondereinstellungen (Seite 11)

zurück zum Hauptmenü

Autom. Schließen (Seite 11)

Autom. Schließen nach DF (Seite 11)

Sicherheitsschalter

Vorendschalter

Bremspunkt

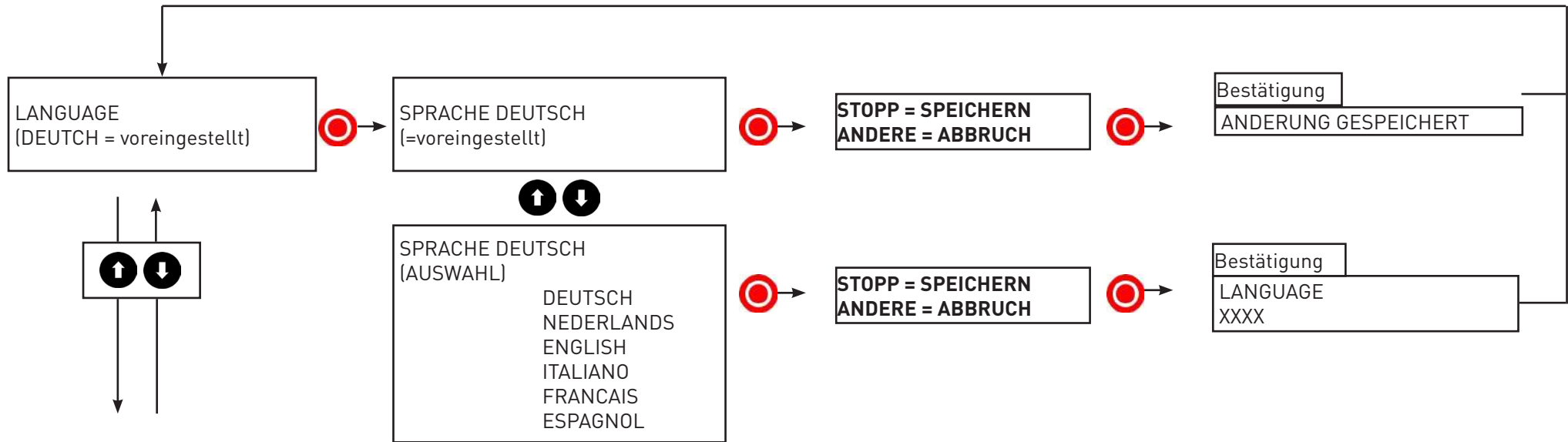
ext. stop logig

Toptyp

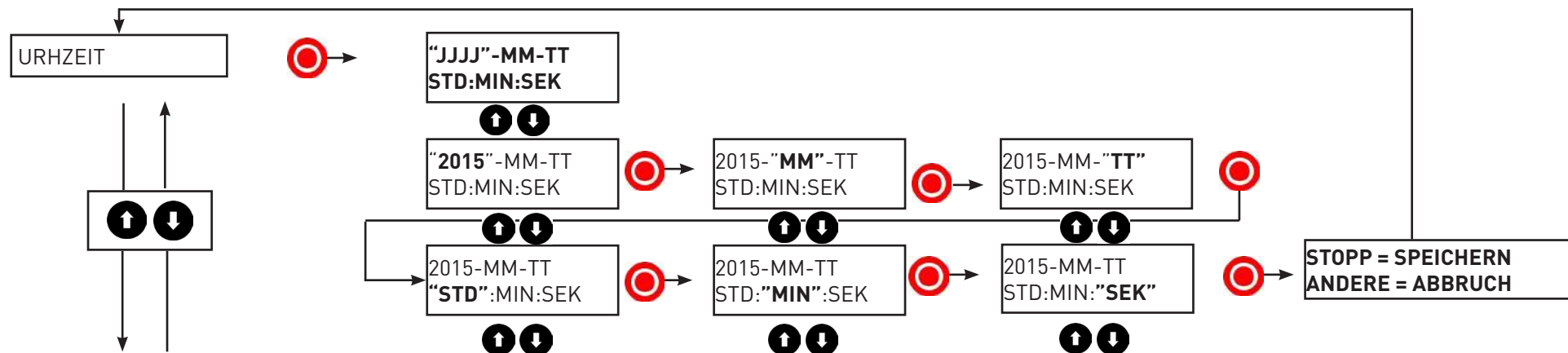
Auswahl verlassen

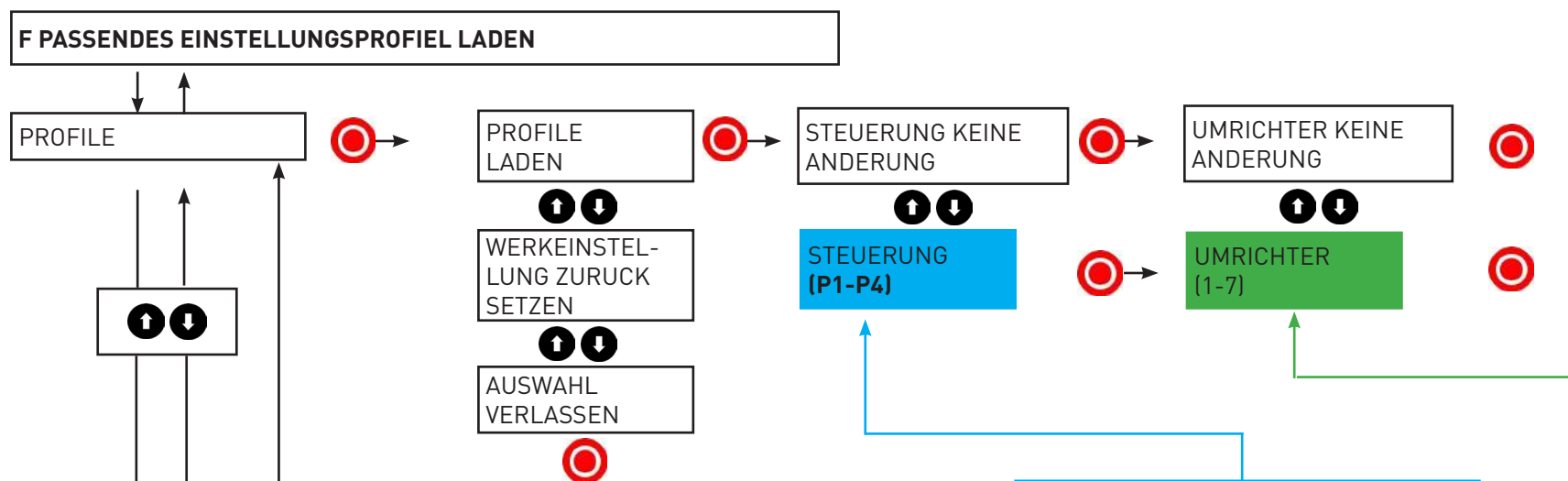
- Seite 12 Anschlussbeispiel Service & Bedieneinheit
Schlagaster + OSE
- Seite 13 Anschlussbeispiel Funk, Zugschalter,
Lichtschranke, Lichtgitter
- Seite 14 Anschlussbeispiel Ampel Rot/Grün
Gegenverkehr
- Seite 15 Anschluss an Gehäuse mit Steckbuchsen

D Sprache einstellen



E Datum einstellen

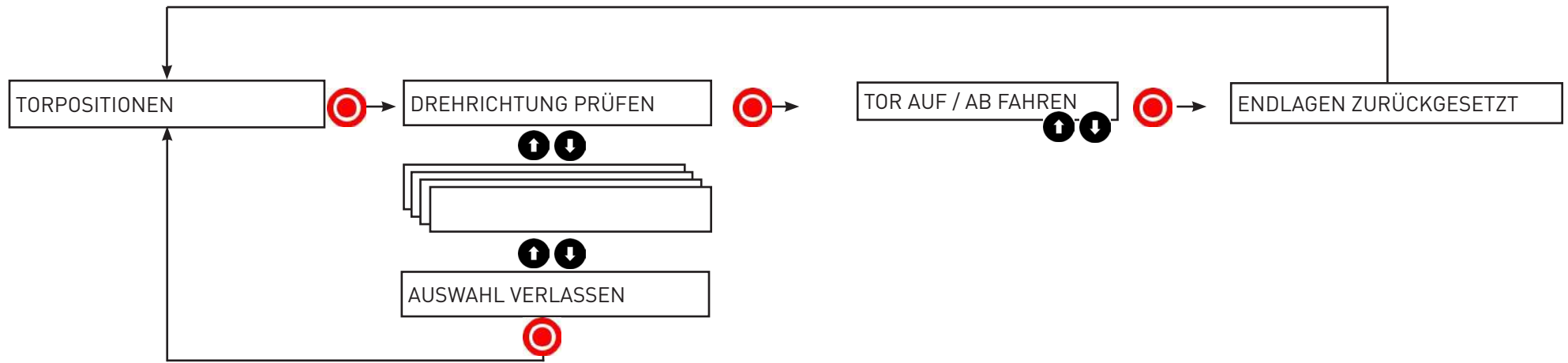




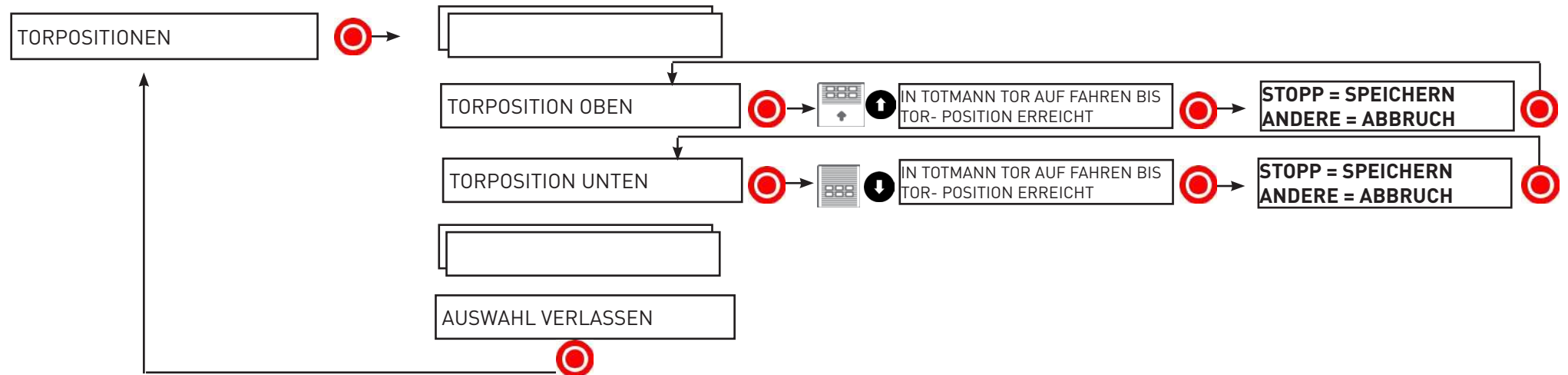
Programm: Steuerung	P1	P2	P3	P4
Lic ht s c h r a n k e { P & F G D 18 / G V 18 / 7 3 / 120 }		x		x
Lic ht g i t t e r { C e d e s Y - 2 5 9 0 - 2 4 , S B , F			x	
S c h l i e ß e n n a c h D u r c h f a h r t n a c h 5 S e k .		x	x	x
A u t o m a t i s c h S c h l i e ß e n n a c h 2 0 S e k .		x	x	x
K r a f t e r k e n n u n g A B	80%	80%		
S e r v i c e - T o r z y k l e n	25.000	25.000	25.000	25.000
S e r v i c e - Z e i t d a u e r	365	365	365	365
O S E				x

Nummer im Display		1	2	3	4	5	6	7
Ø Seiltrommel		126 mm	158 mm	200 mm	190 mm	240 mm	220 mm	280 mm
Bezeichnung		Normal Lift	Normal Lift	Normal Lift	High Lift	High Lift	Vertical Lift	Vertical Lift
maximale Torgröße	m2	23 m2	23m2	40m2	30m2	38m2	18m2	35m2
maximale Torhöhe		3.50 m	5.50 m	9.75 m	3.00 m	4.20 m	5.00 m	8.40 m

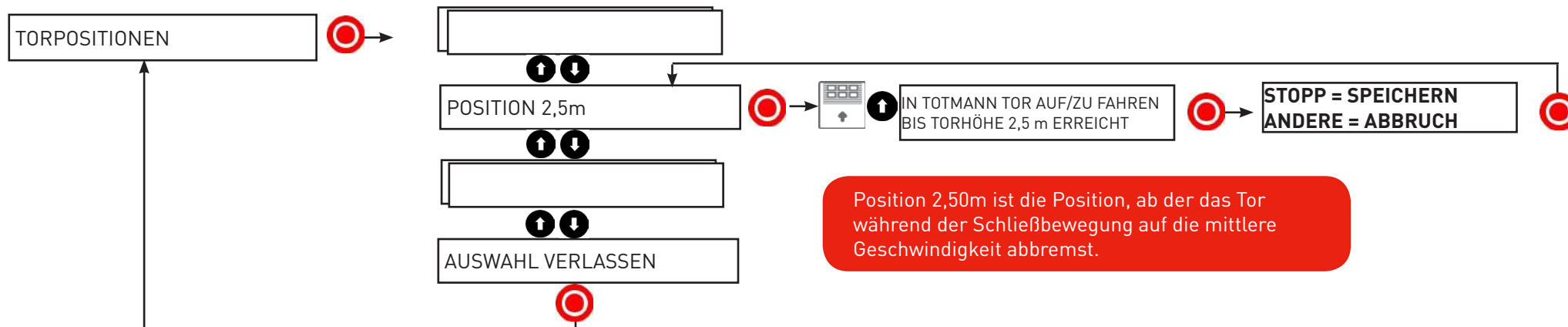
G Torpositionen Einstellen: Drehrichtung prüfen



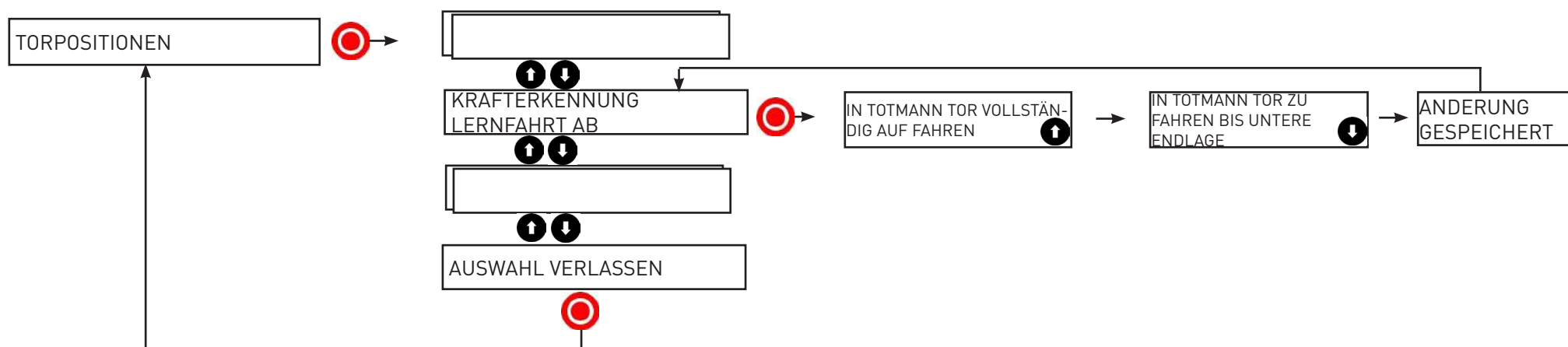
H Torpositionen Einstellen: Endlagen einstellen



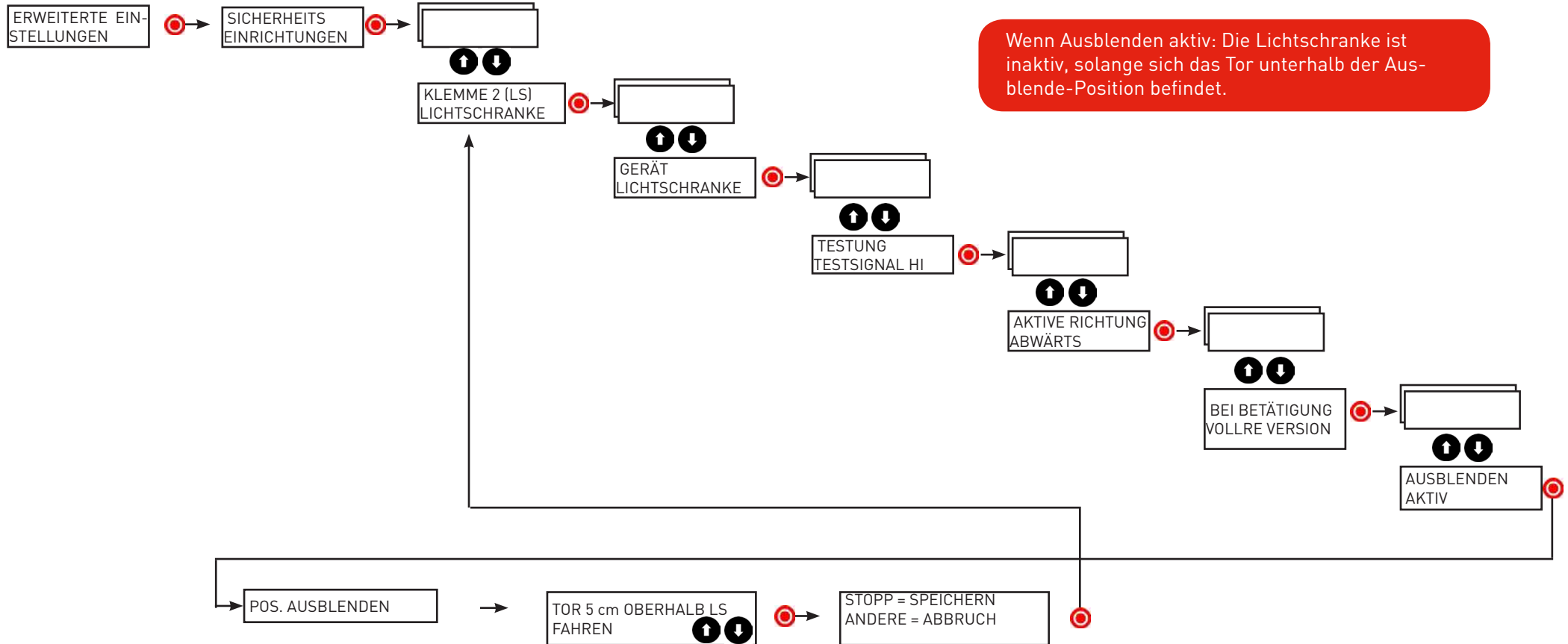
I Torpositionen Einstellen: Position 2,50 m
(nur bei Profil P1 & P2)



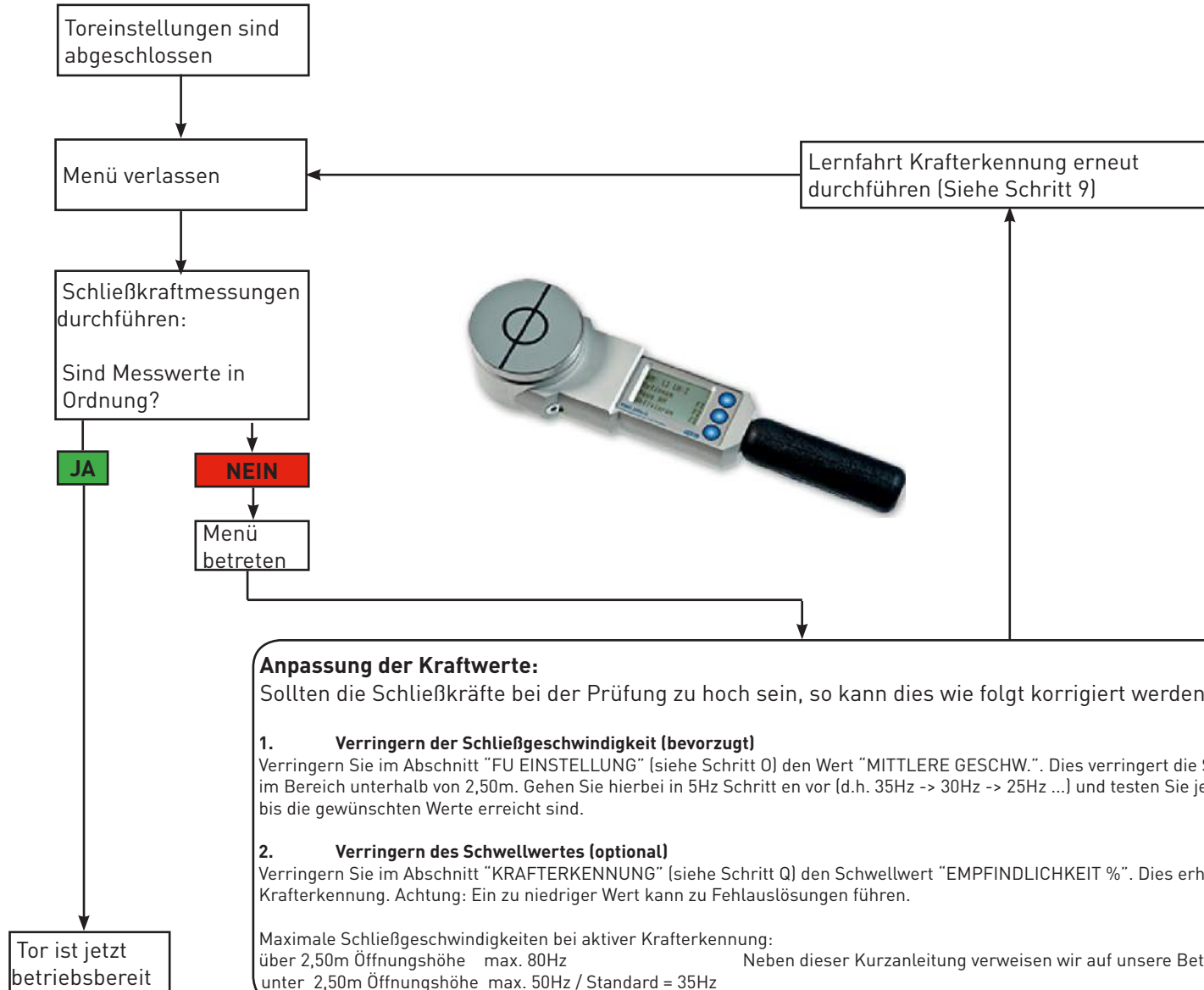
J Lernfahrt Krafterkennung
(nur bei Profil P1 & P2)



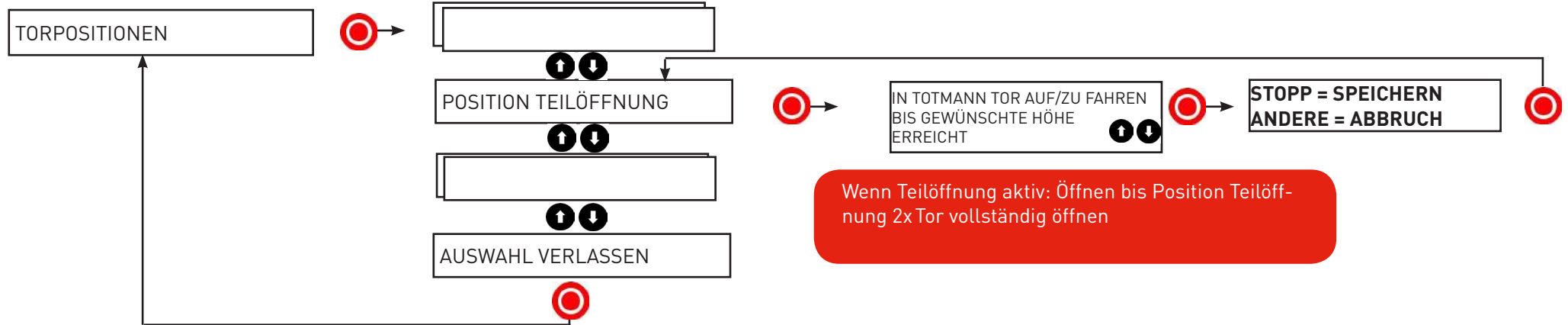
**K Lichtschränke im Torrahmen ausblenden
(Nur bei P2 & P4 Lichtschränke im Torrahmen notwendig)**



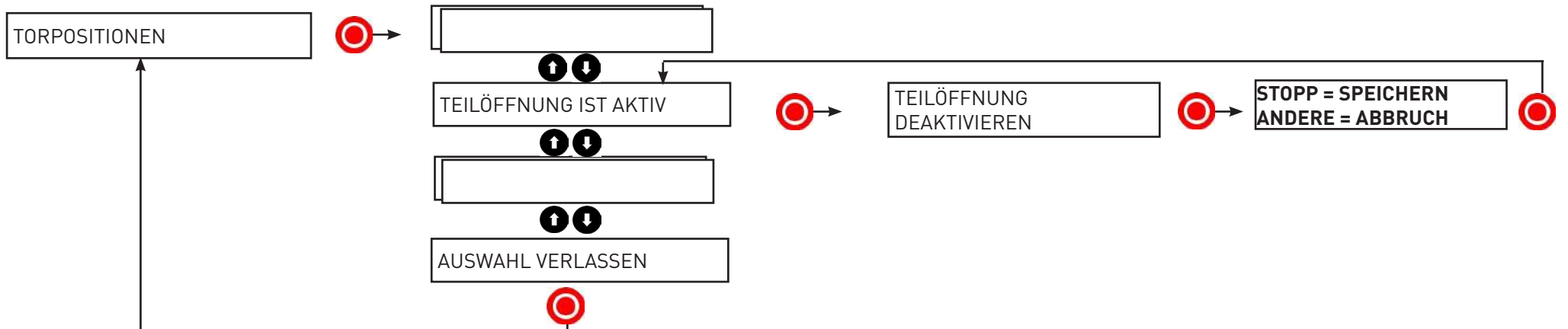
L Krafterkennung – Schließkräfte kontrollieren
(nur bei Profil P1 & P2)



Ma Optional: Teilöffnung Aktivieren



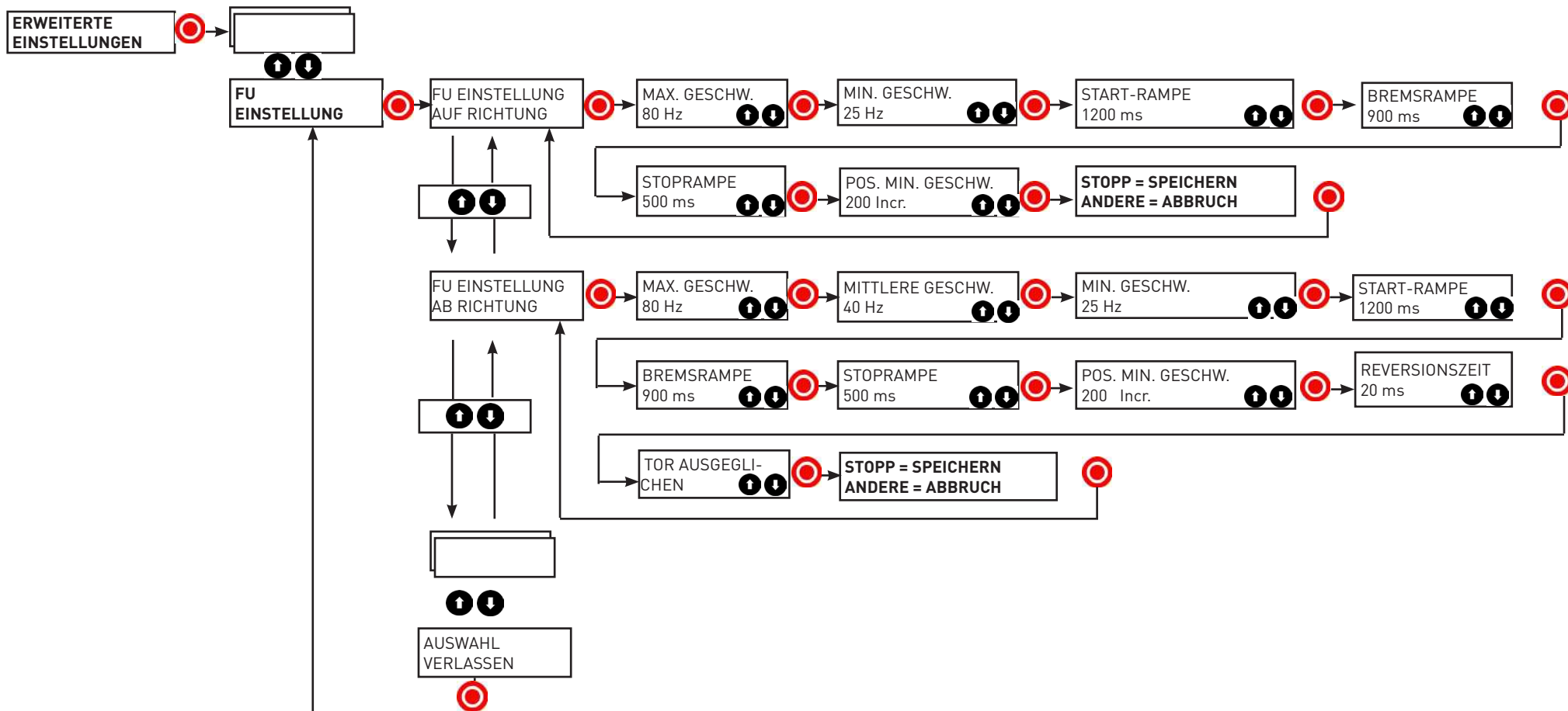
Mb Optional: Teilöffnung Deaktivieren



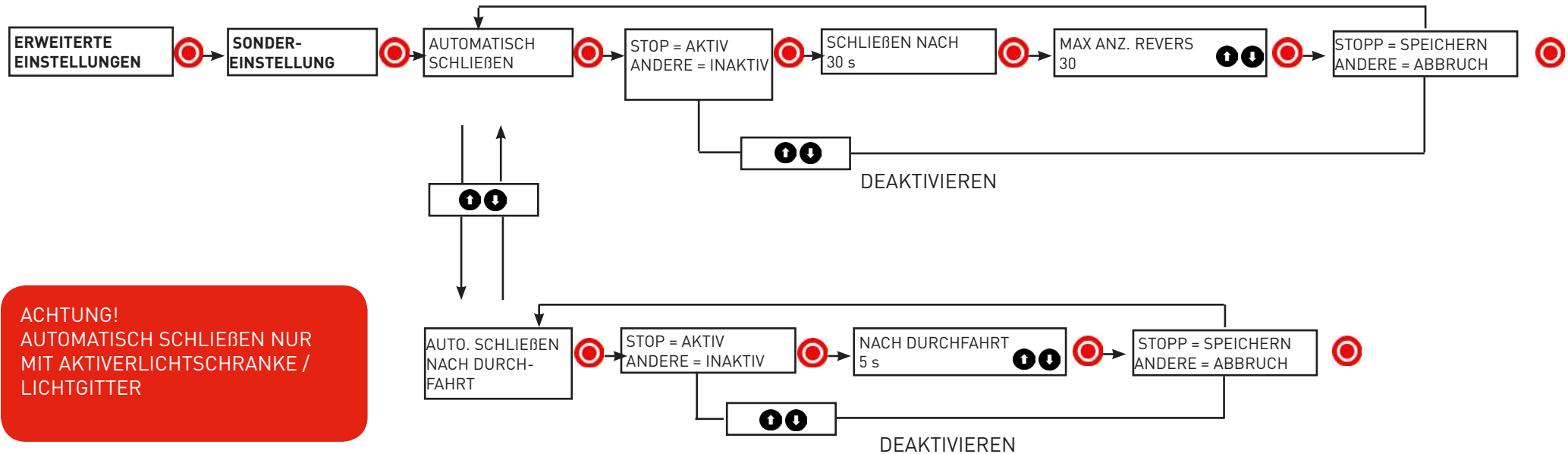
N Optional: Passwort setzen



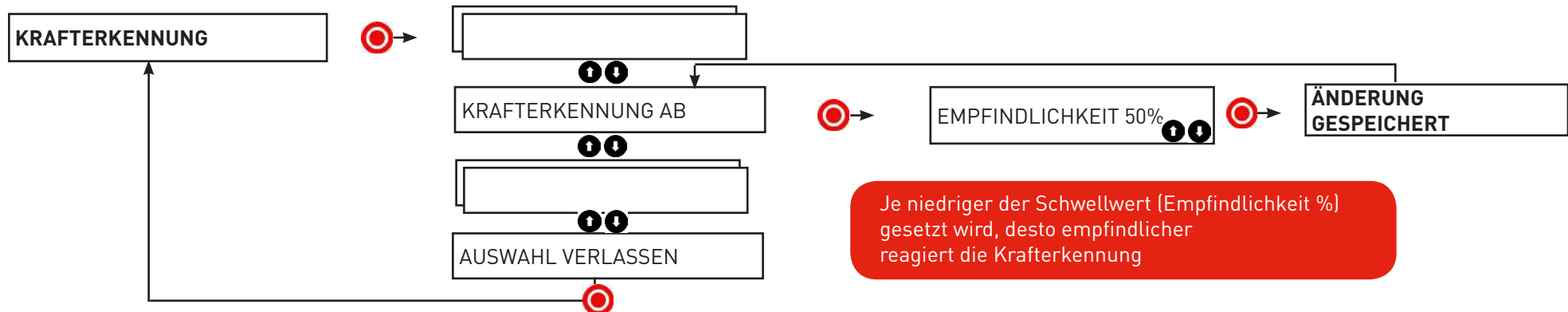
O Optional: FU-Einstellungen, Geschw. anpassen



**P Optional: Automatisch Schließen nach Zeit
(nur mit Lichtschranke/ Lichtgitter er möglich)**

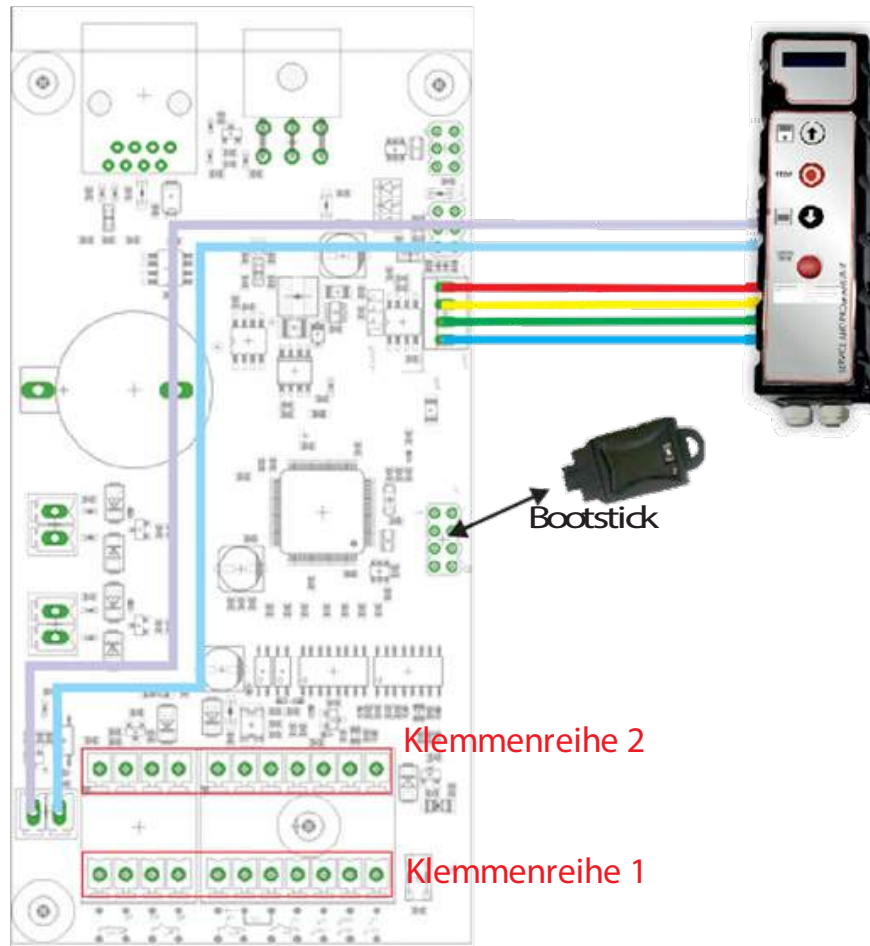


**Q Optional: Krafterkennung Empfindlichkeit anpassen
(nur bei Profil P1 & P2)**

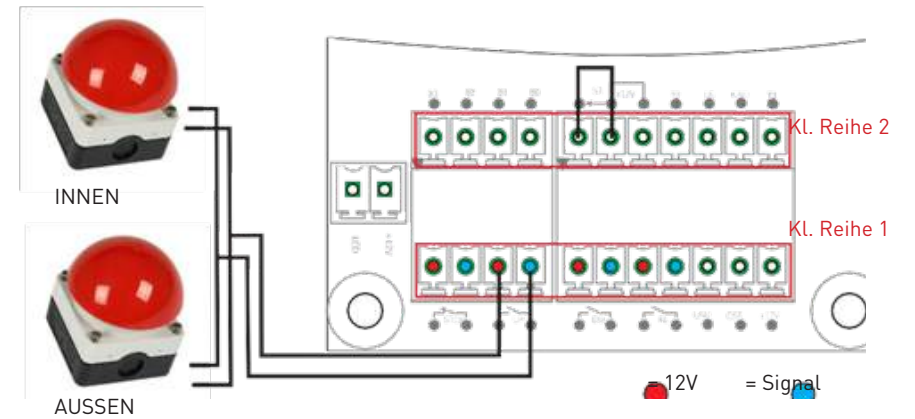


B

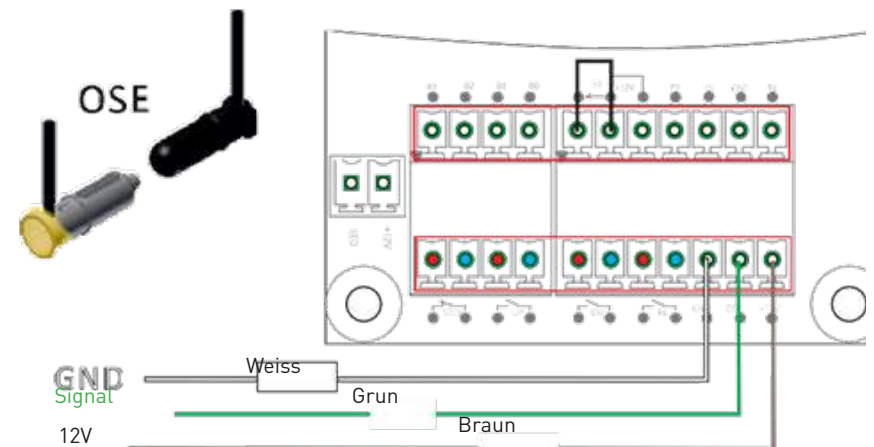
Anschlußbeispiel Service- und Bedieneinheit

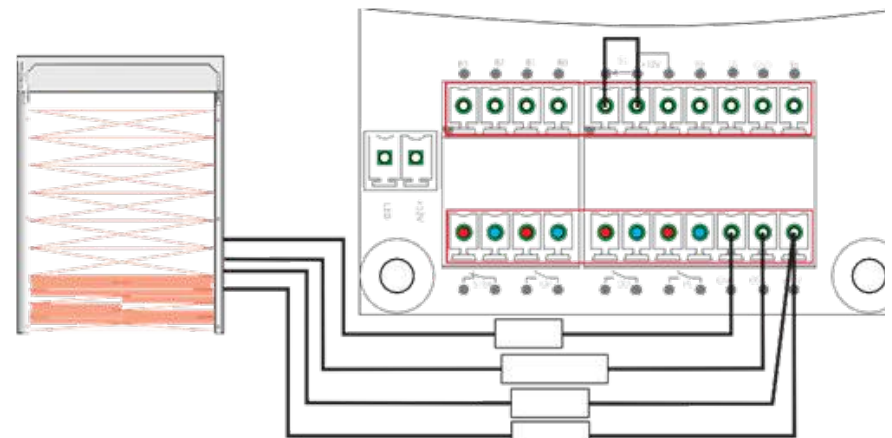
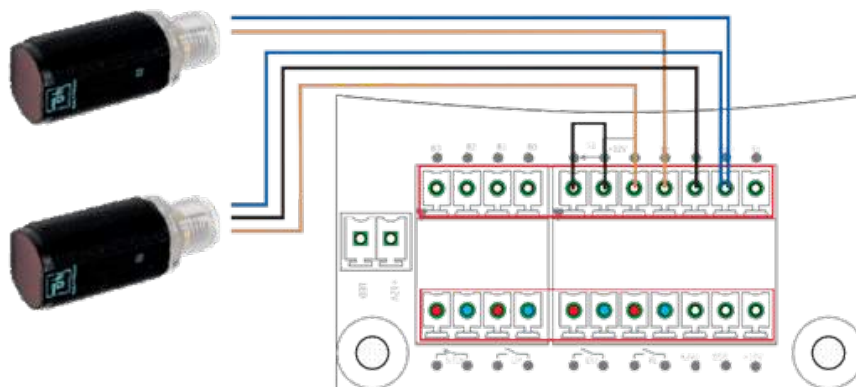
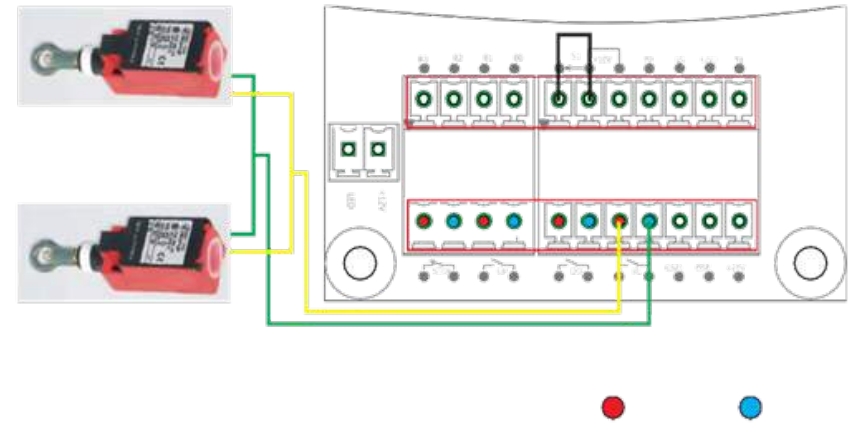
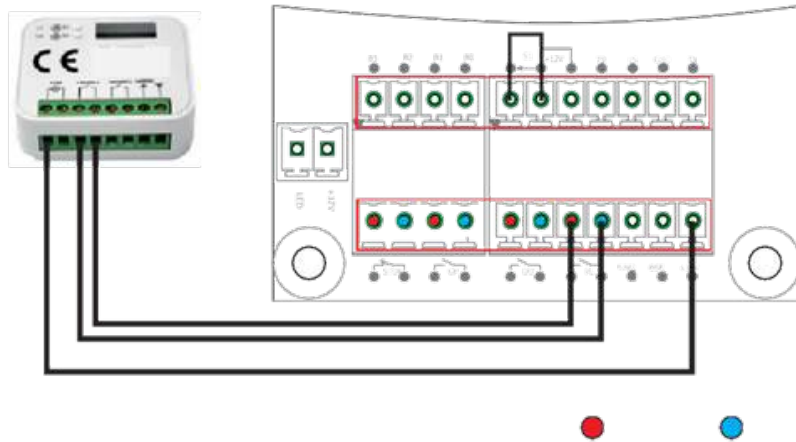


Anschlußbeispiel für Schlagtaster TOR OFFNEN

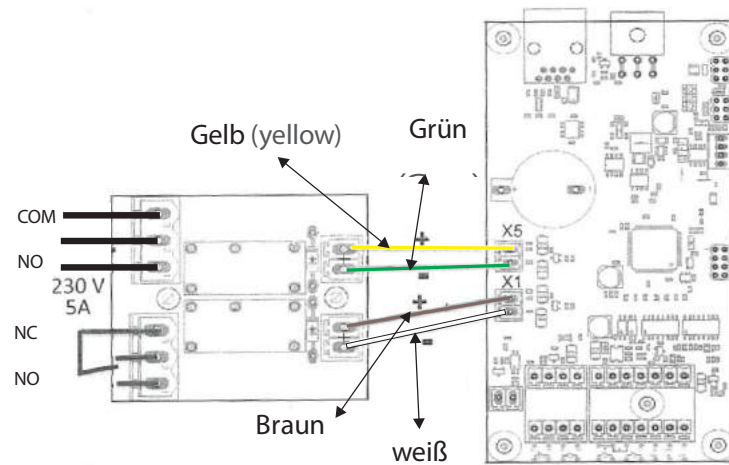


Anschlußbeispiel für OSE



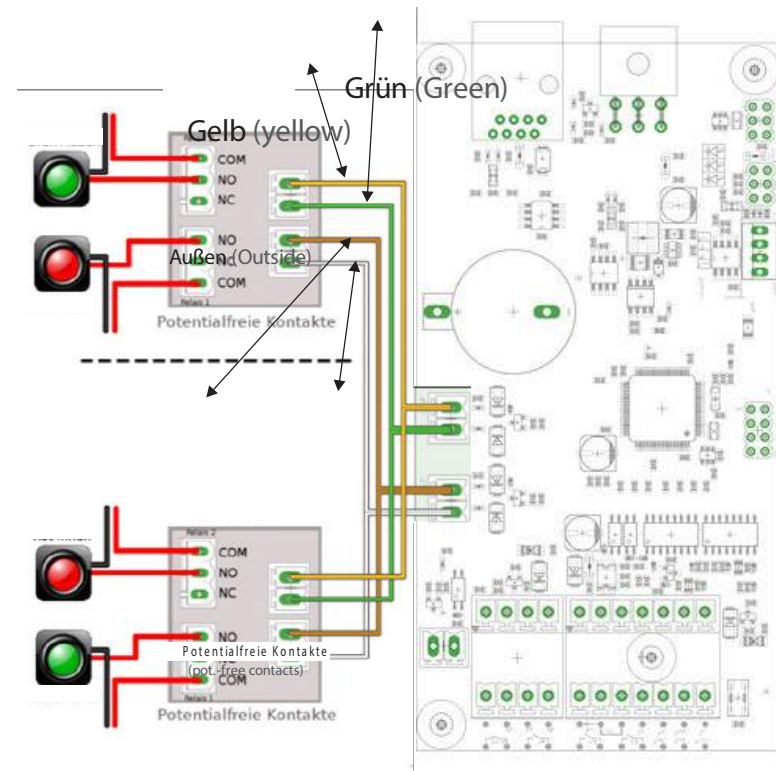


Potentialfreies Relais in der Tordose

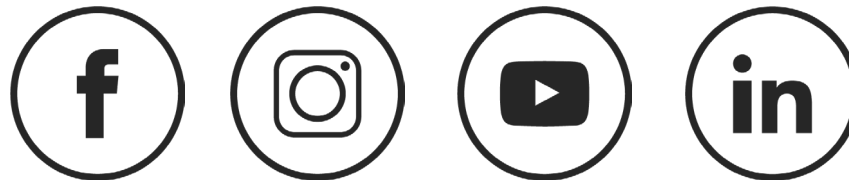


Höchstbelastung Relais
(maximum load): 5 A
Anschlussspannung
(connection voltage): 230 V

Rot-Grün Gegenverkehr Ampelschaltung



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FREQUENZ-28/ 48



INSTALLATION/ MAINTENANCE
MOTEUR POUR PORTES INDUSTRIELLES

manuel version 1.0



- 0,55 kW jusqu'à vantail de 28 m²
- 1,00 kW jusqu'à vantail de 49 m²

Réglages de base

(doivent être effectués à chaque nouvelle installation)

- | | |
|---|-------------|
| B Raccorder les accessoires disponibles (par ex. barrière photoélectrique) Annexe instructions de câblage | dès p. 12 |
| C Allumer l'appareil, appeler menu | p. 2 |
| D Configurer la langue | p. 3 |
| E Configurer la date | p. 3 |
| F Charger le profil de paramétrage adapté | p. 4 |
| G Régler les positions de porte : Vérifier le sens de rotation | p. 5 |
| H Régler les positions de porte : Régler les positions finales | p. 5 |

si à l'étape F, « P1 » sélectionné, alors continuez avec...

- | | |
|--|------|
| I Régler les positions de porte : Position 2,50 m | p. 6 |
| J Course d'apprentissage détection de force | p. 6 |
| L Détection de force - contrôler les forces de fermeture | p. 8 |

si à l'étape F, « P2 » sélectionné, alors continuez avec...

- | | |
|--|------|
| I Régler les positions de porte : Position 2,50 m | p. 6 |
| J Course d'apprentissage détection de force | p. 6 |
| K Masquer la barrière photoélectrique dans le châssis de porte | p. 7 |
| L Détection de force - contrôler les forces de fermeture | p. 8 |

si à l'étape F « P3 » sélectionné, alors aucune autre étape nécessaire.

si à l'étape F, « P4 » sélectionné, alors continuez avec...

- | | |
|--|------|
| I Régler les positions de porte : Position 2,50 m | p. 6 |
| K Masquer la barrière photoélectrique dans le châssis de porte | p. 7 |

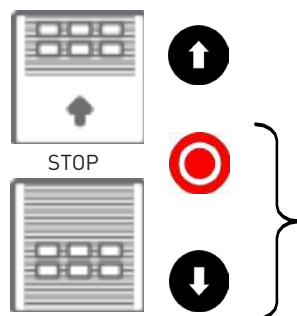


Réglage optionnel

- | | | |
|----|---|--------|
| Ma | En option : Activer ouverture partielle | p. 9 |
| Mb | En option : Désactiver ouverture partielle | p. 9 |
| N | En option : Définir mot de passe | p. 10 |
| O | En option : Réglages coupe-circuit tension de défaut (FU), ajuster vit. | p. 10 |
| P | En option : Fermeture automatique au bout de | p. 11 |
| Q | En option : Ajuster sensibilité détection de force | fp. 11 |

C Allumer l'appareil, appeler menu (démarrer programmation)

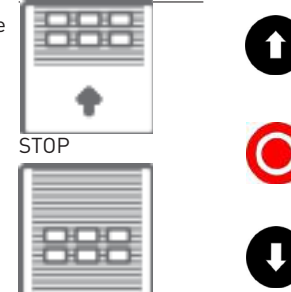
Appeler menu (+   appuyer pendant 5 sec. et utilisation du menu



Démarrer programmation !
(appuyer ensemble 5 sec.)

Mot de passe
(si activé)

Utilisation du menu



Dans le menu vers le haut

ACTIONNER

Dans le menu vers le bas

MODE PROGRAMMATION

MENU PRINCIPAL

CONFIGURATION ÉLARGIE

Mode programmation

Menu principal

Langue (page 3)
Heure (page 3)
Profil (page 4)
Positions de porte (page 5/6)
Réglage de maintenance
Paramètres élargis (page 7)
Quitter menu

Mot de passe (page 10)
Codeur
Paramètres FU (page 10)
Détection de force (page 11)
Dispositifs de sécurité
Mode d'exploitation
Laser/ Radar
Relais
Paramètres spéciaux (page 11)
Retour au menu principal

Paramètres spéciaux

Fermeture auto (page 11)
Fermeture auto selon DF (page 11)
Interrupteur de fin de course de sécurité
Interrupteur de fin de course amont
Point de freinage
ext. stop logig
Type porte
Quitter sélection

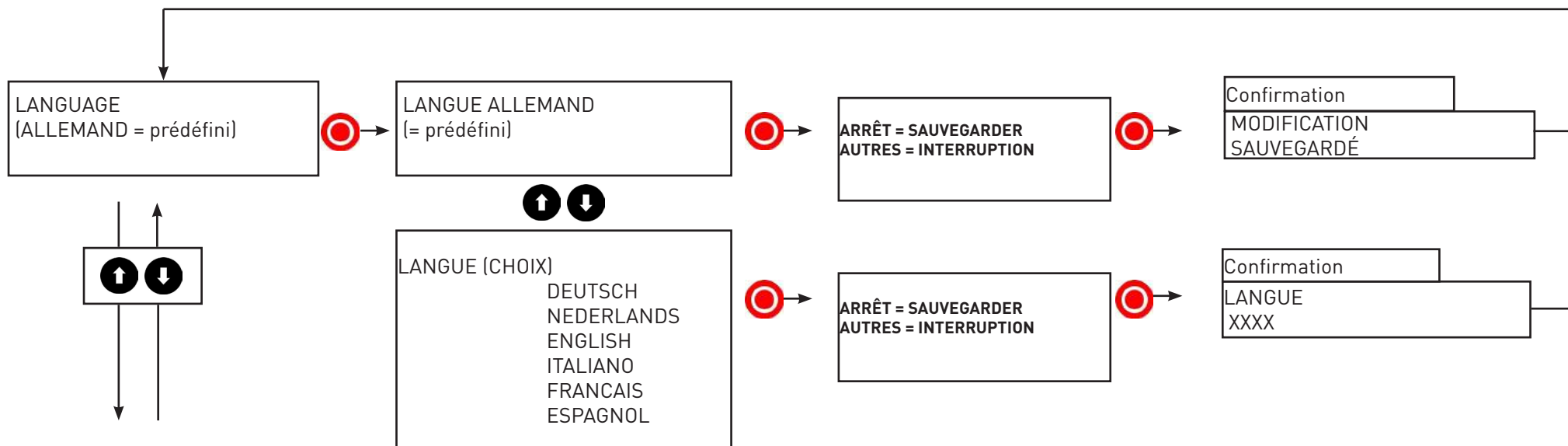
Page 12 Exemple de raccordement Service & Unité de commande Bouton « coup de poing » + OSE

Page 13 Exemple de raccordement radio, interrupteur à tirette, barrière photoélectrique, grille optique

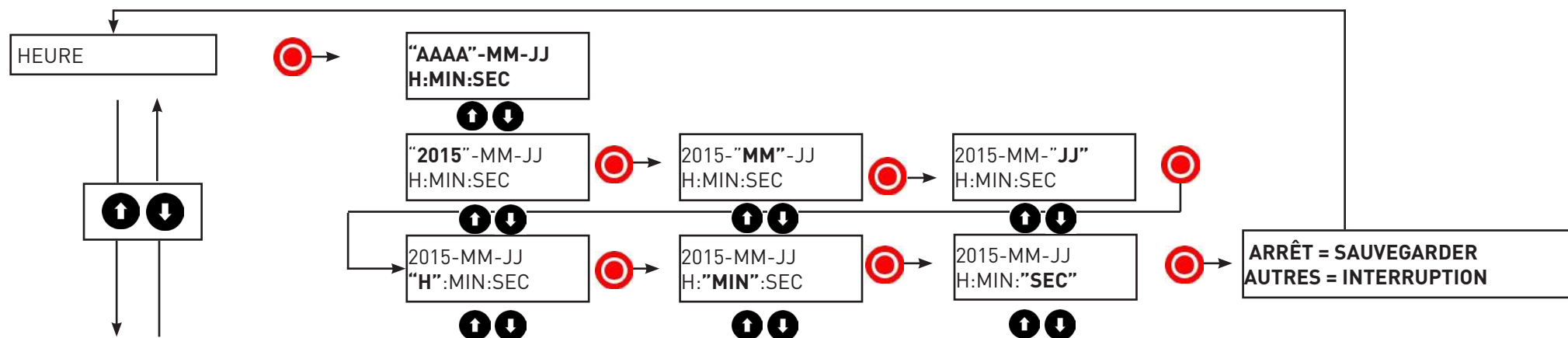
Page 14 Exemple de raccordement feu rouge/vert trafic en contre-sens

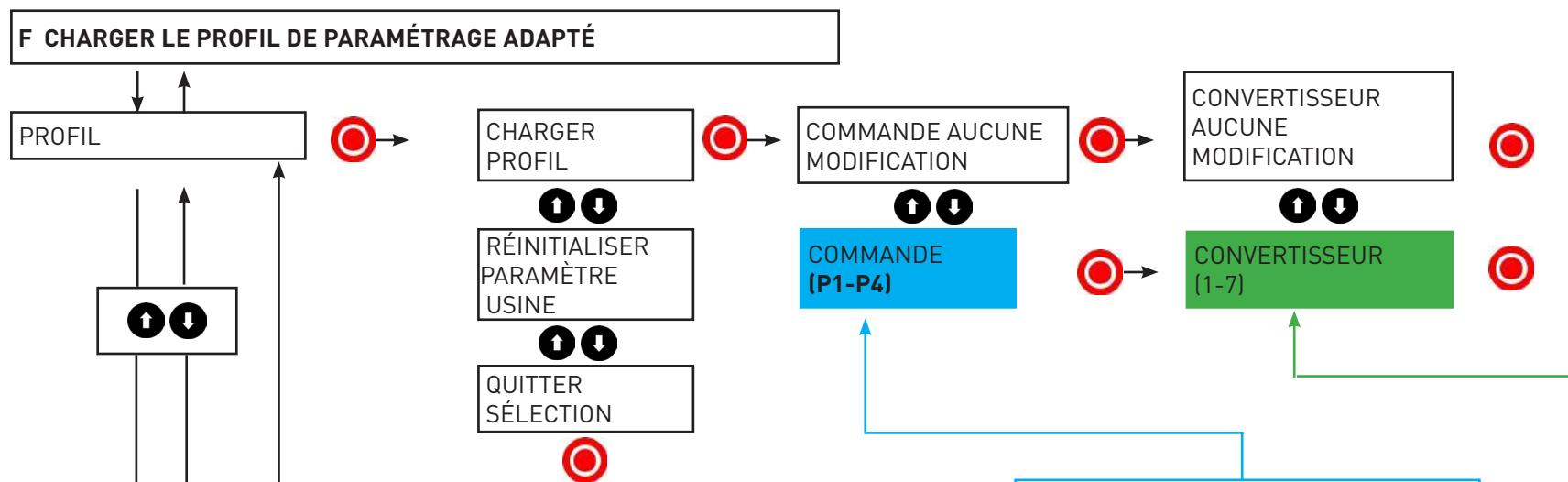
Page 15 Raccordement sur boîtier avec connecteurs

D Configurer la langue



E Configurer la date

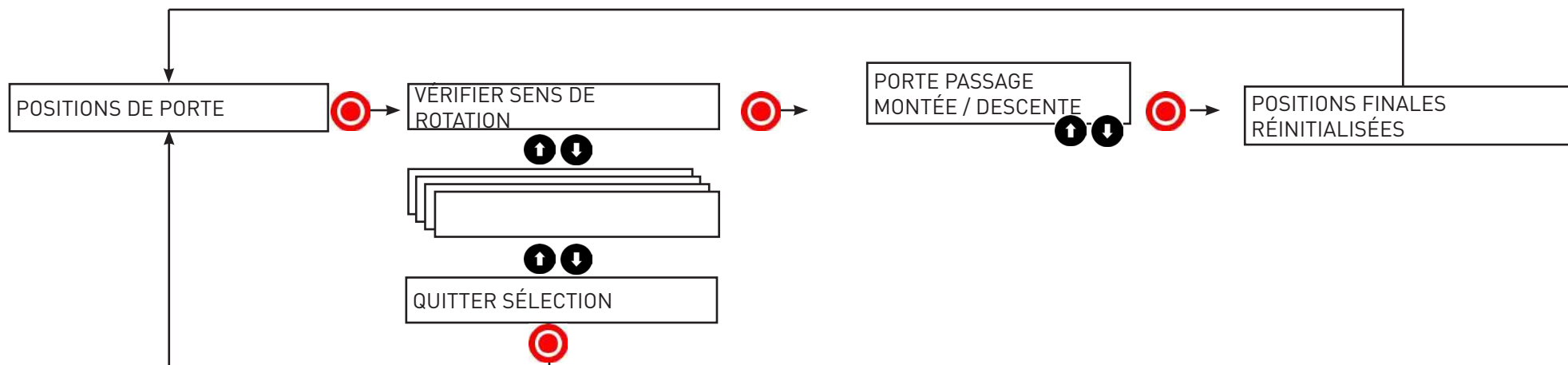




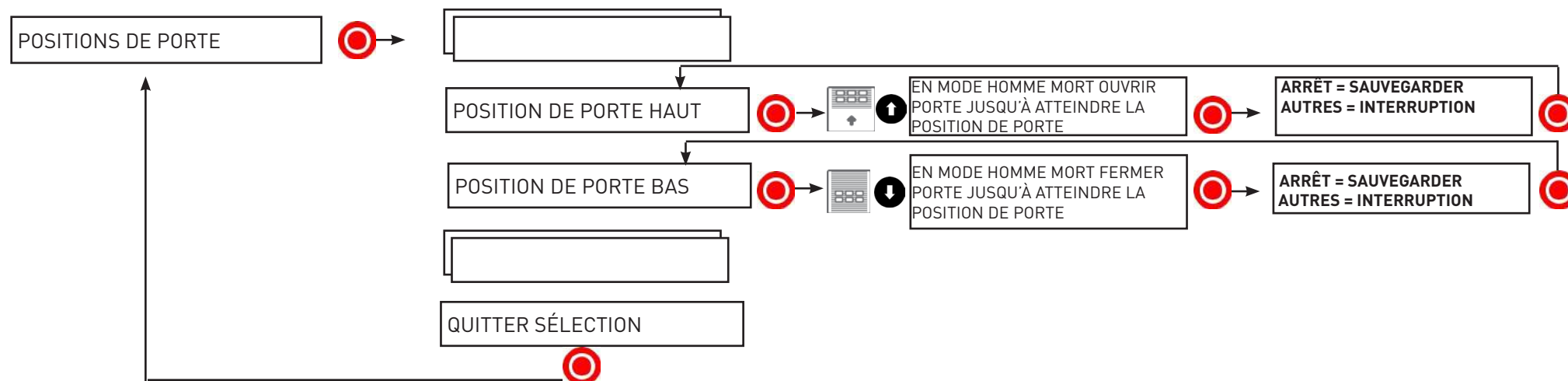
Programme : Commande	P1	P2	P3	P4
Barrière photoélect. (P & F G D 18/G V 18/7 3/12 0)		x		x
Grille optique (C e de s S Y - 2 5 9 0 - 2 4 , S B , F			x	
Fermeture après traversée au bout de 5 sec.		x	x	x
Fermeture automatique au bout de 20 sec.		x	x	x
Détection de force A B	80%	80%		
Entretien - Cycles de porte	25.000	25.000	25.000	25.000
Entretien - Fréquence	365	365	365	365
OSE				x

Numéro à l'écran		1	2	3	4	5	6	7
Ø Tambour		126 mm	158 mm	200 mm	190 mm	240 mm	220 mm	280 mm
Désignation		Levée normale	Levée normale	Levée normale	Levée haute	Levée haute	Levée verticale	Levée verticale
Taille max. de porte	m2	23 m2	23m2	40m2	30m2	38m2	18m2	35m2
Hauteur de porte maximale		3.50 m	5.50 m	9.75 m	3.00 m	4.20 m	5.00 m	8.40 m

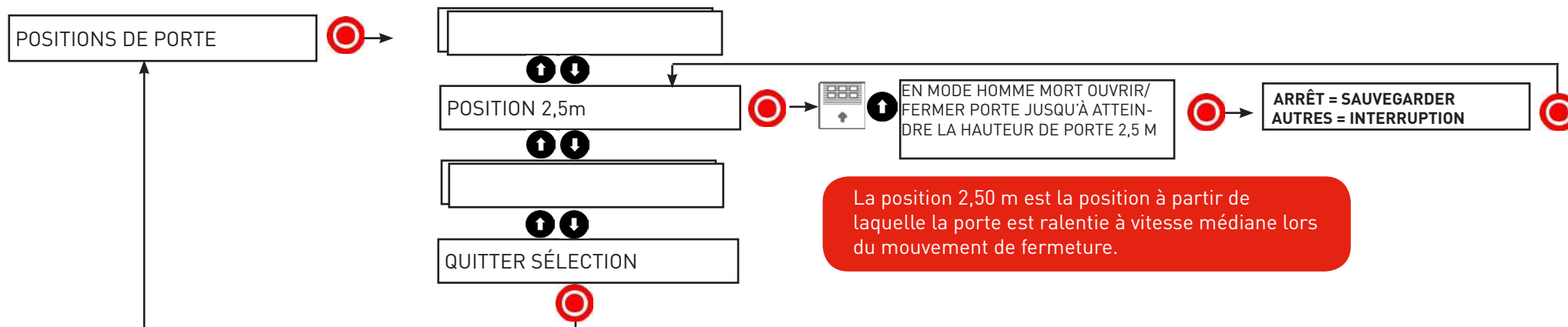
G Régler les positions de porte : Vérifier le sens de rotation



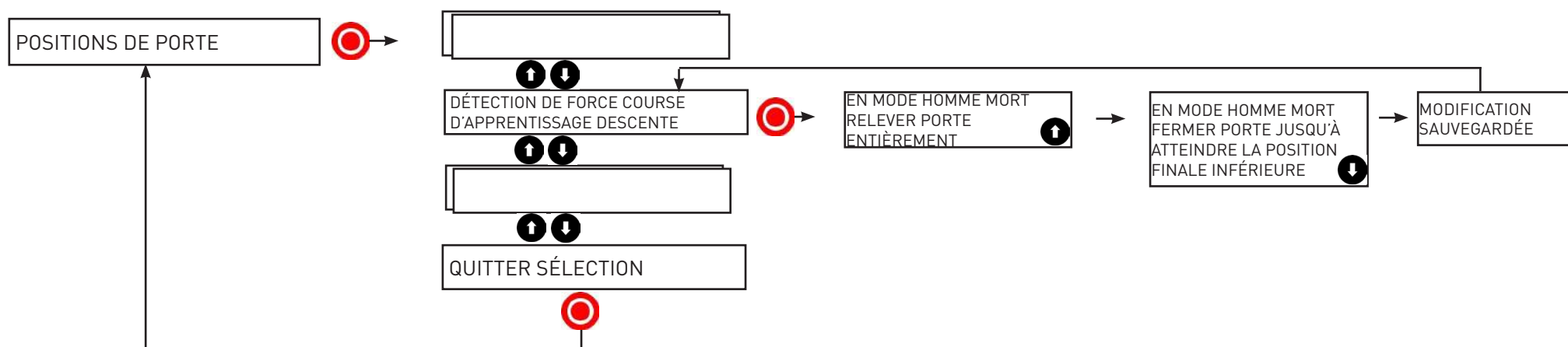
H Régler les positions de porte : Régler les positions finales



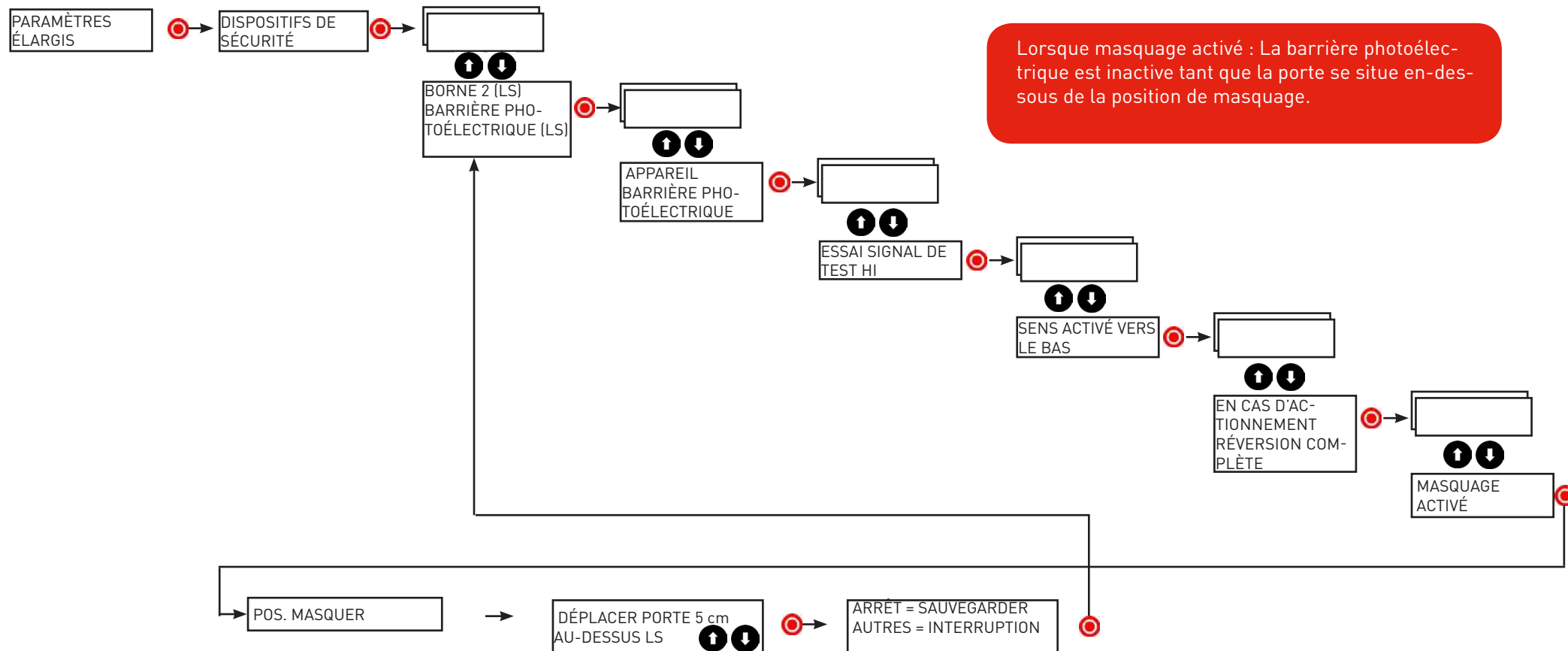
I Régler les positions de porte : Position 2,50 m
(uniquement pour profil P1 & P2)



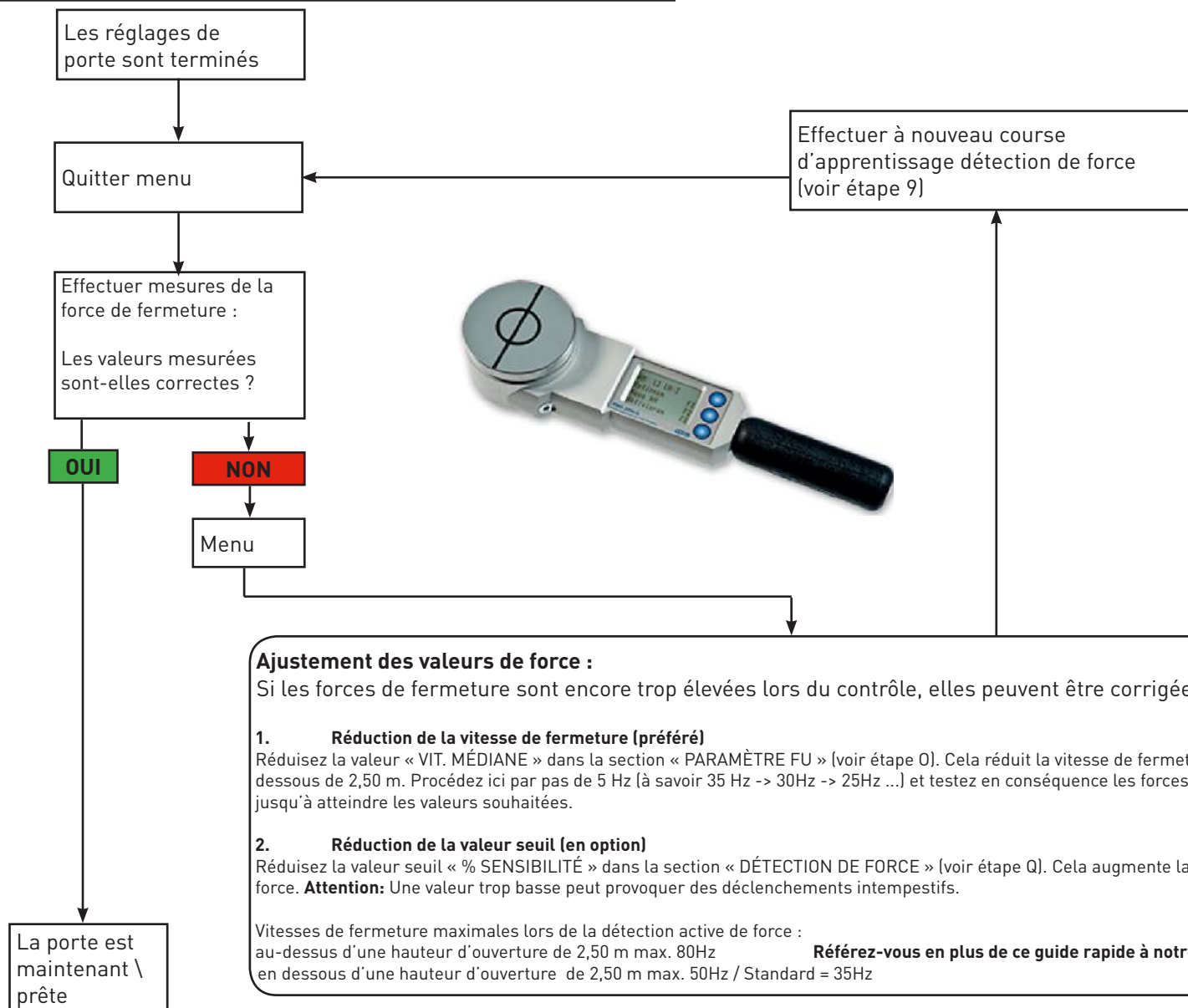
J Course d'apprentissage détection de force
(uniquement pour profil P1 & P2)



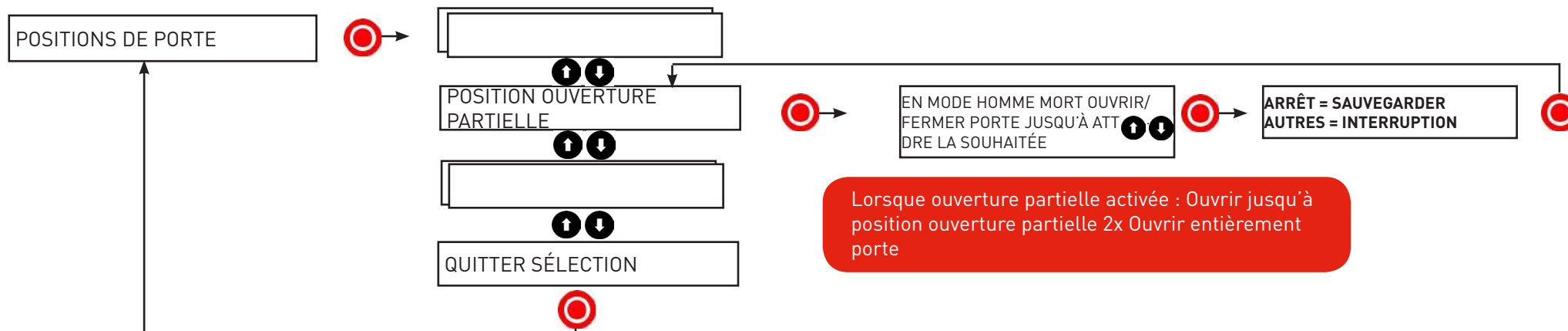
K Masquer la barrière photoélectrique dans le châssis de porte
 (Uniquement nécessaire dans le châssis de porte pour barrière photoélectrique P2 & P4)



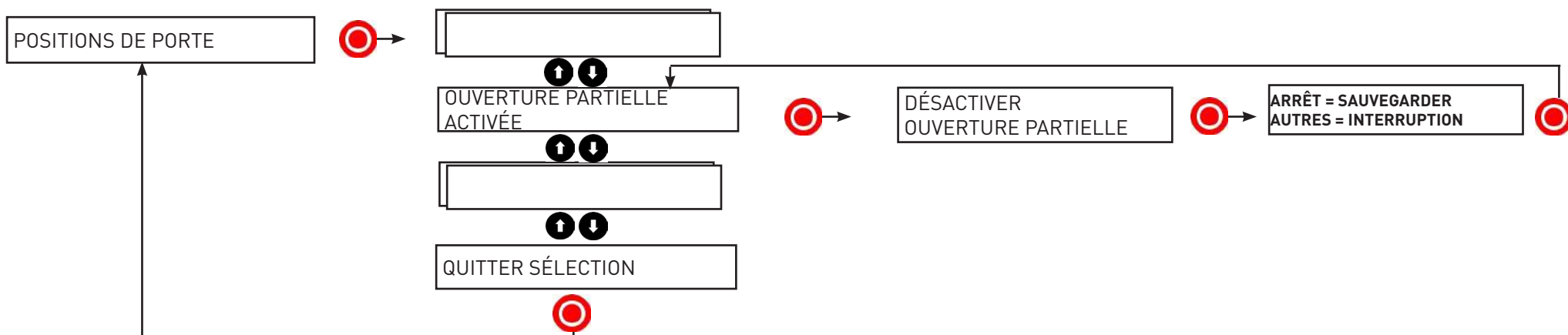
L Détection de force - contrôler les forces de fermeture (uniquement pour profil P1 & P2



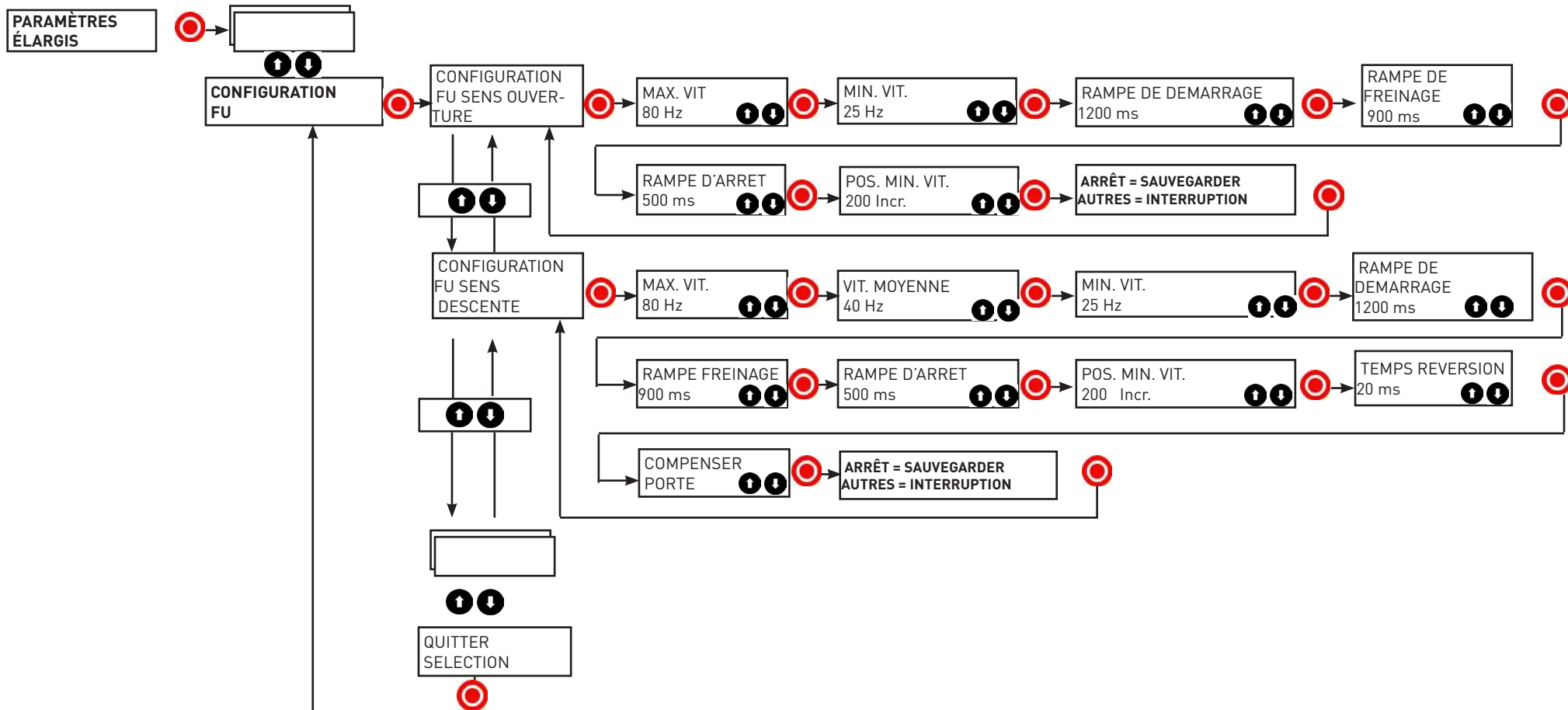
Ma en option : Activer ouverture partielle



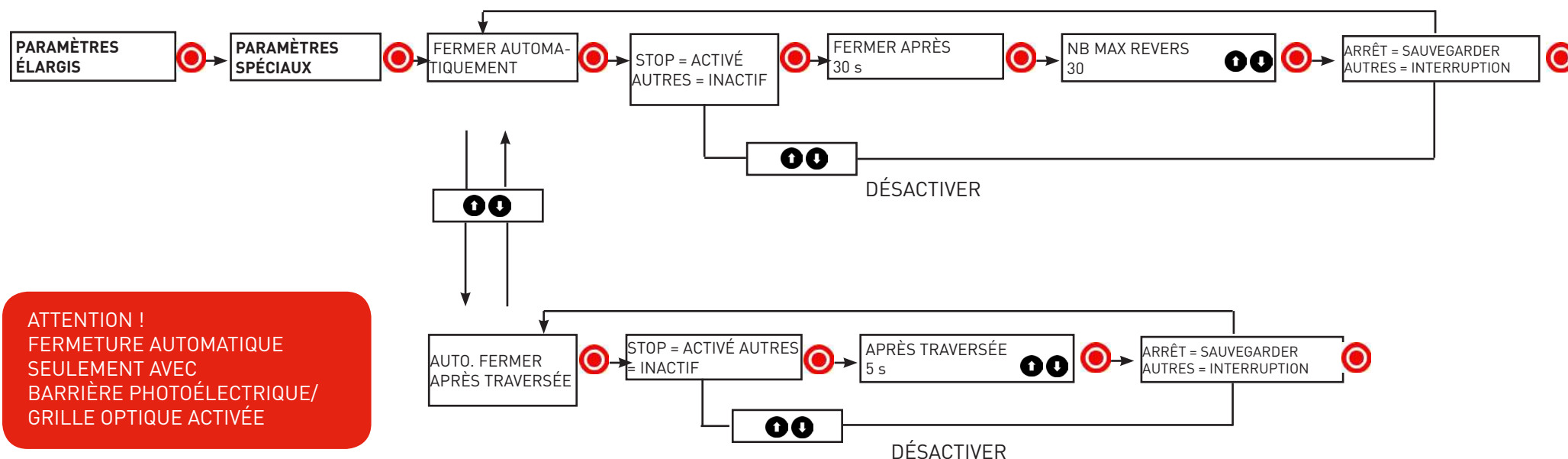
Mb En option: Désactiver ouverture partielle



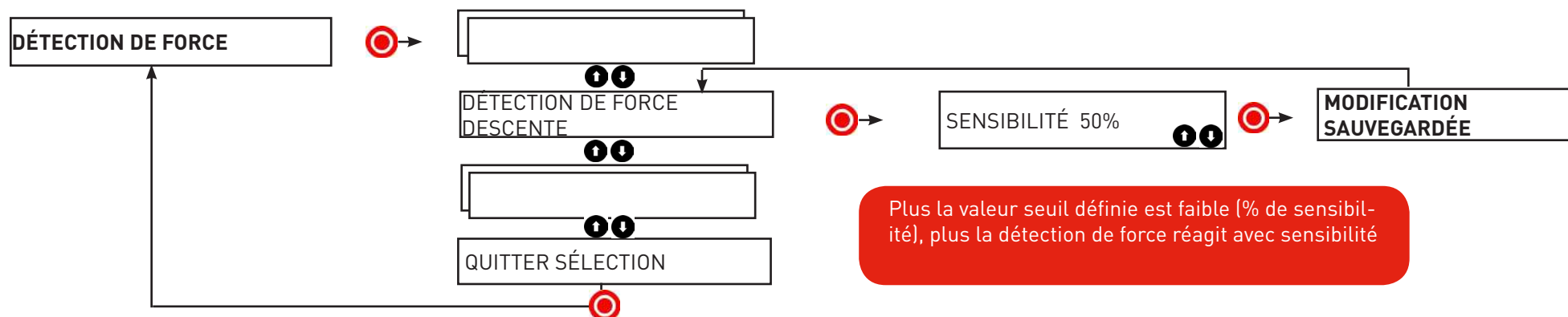
N En option: Définir mot de passe

0 En option: Réglages coupe-circuit tension de défaut (FU), ajuster vit.


P En option : Fermeture automatique au bout de
(Possible uniquement avec barrière photoélectrique / grille optique)

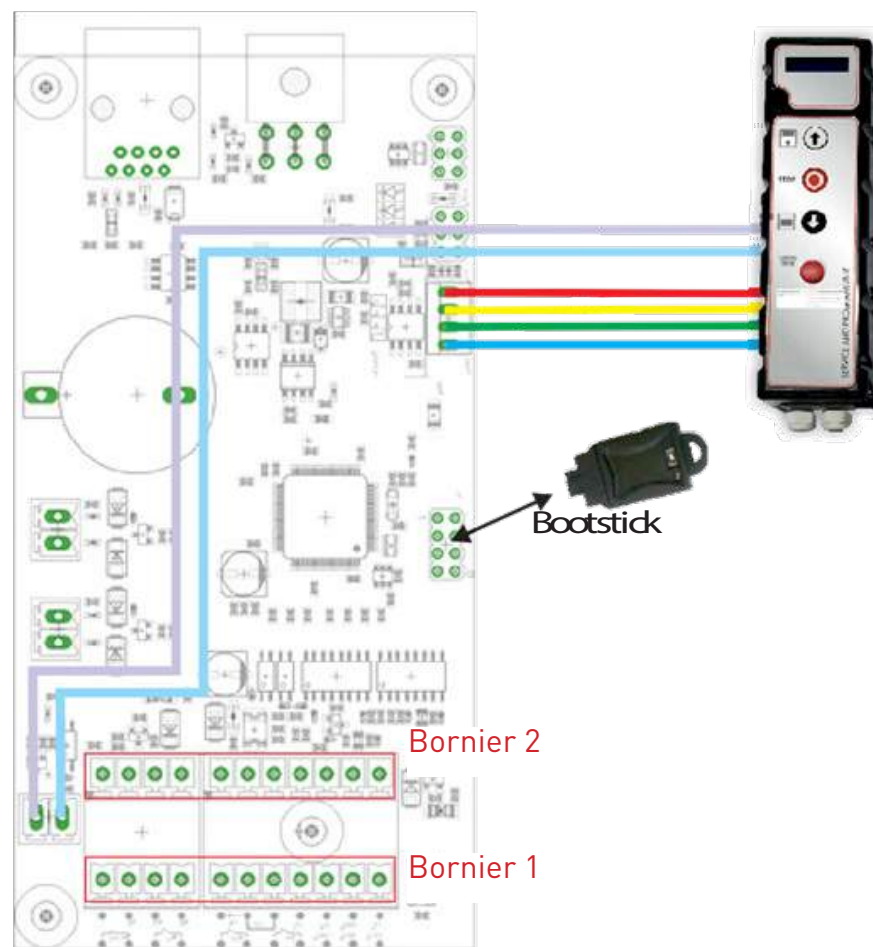


Q En option : Ajuster sensibilité détection de force
(uniquement pour profil P1 & P2)

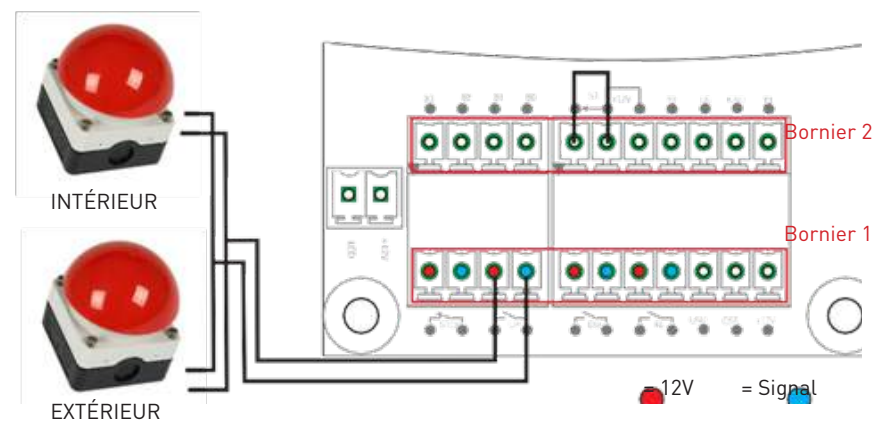


B

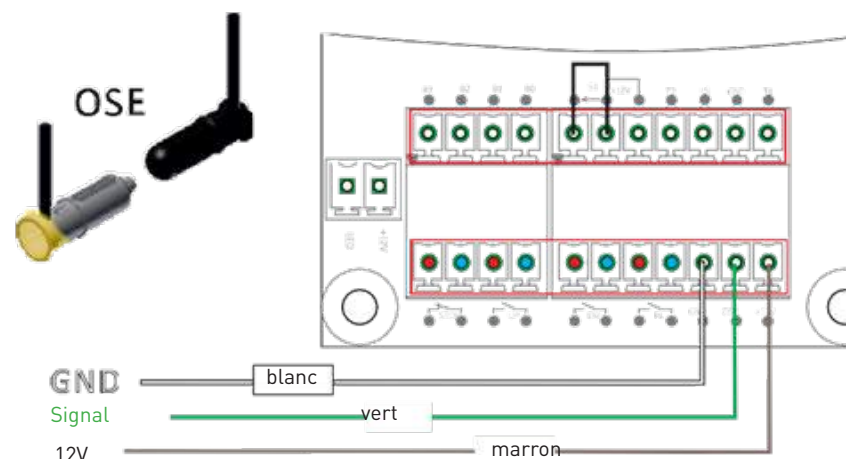
Exemple de raccordement unit  d'entretien et de commande

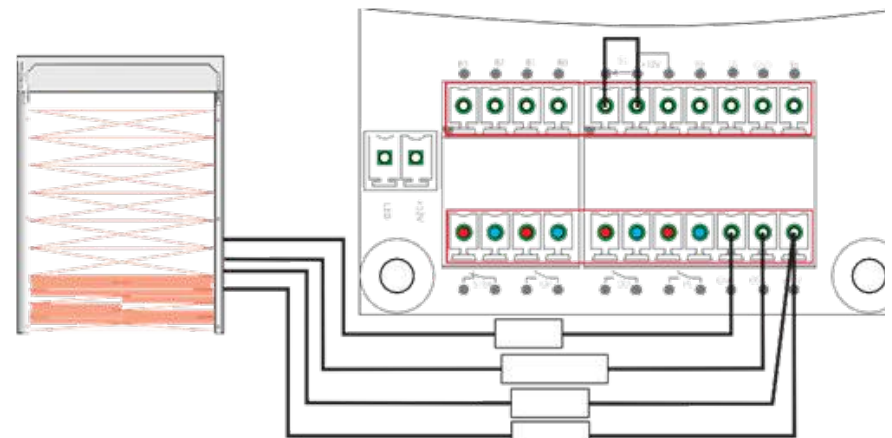
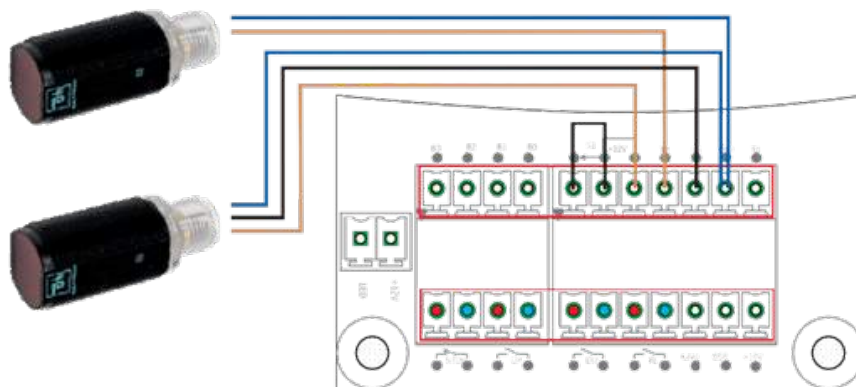
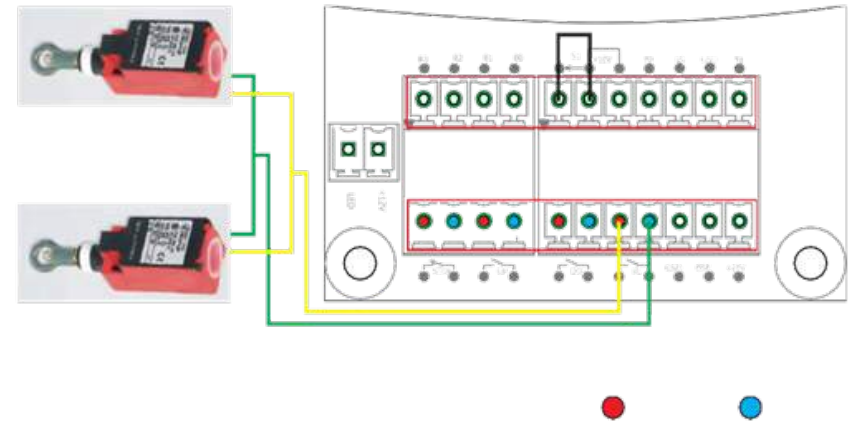
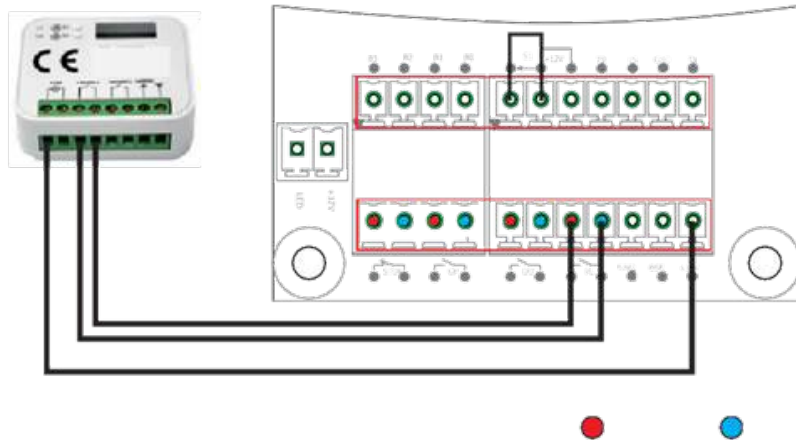


Exemple de raccordement du bouton « coup de poing »
OUVRIR PORTE

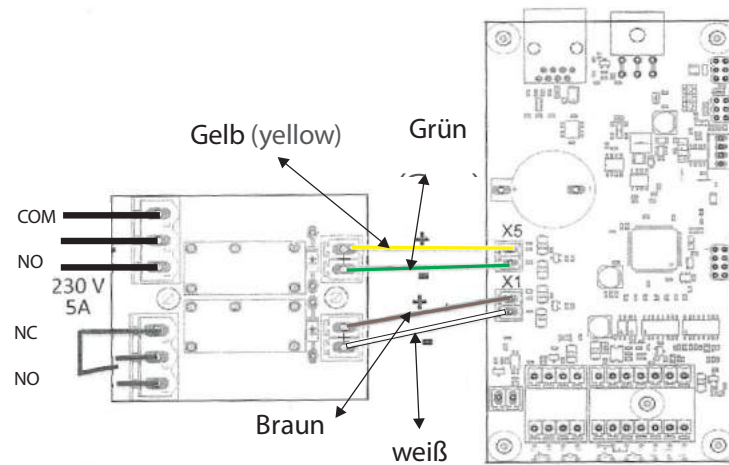


Exemple de raccordement pour OSE



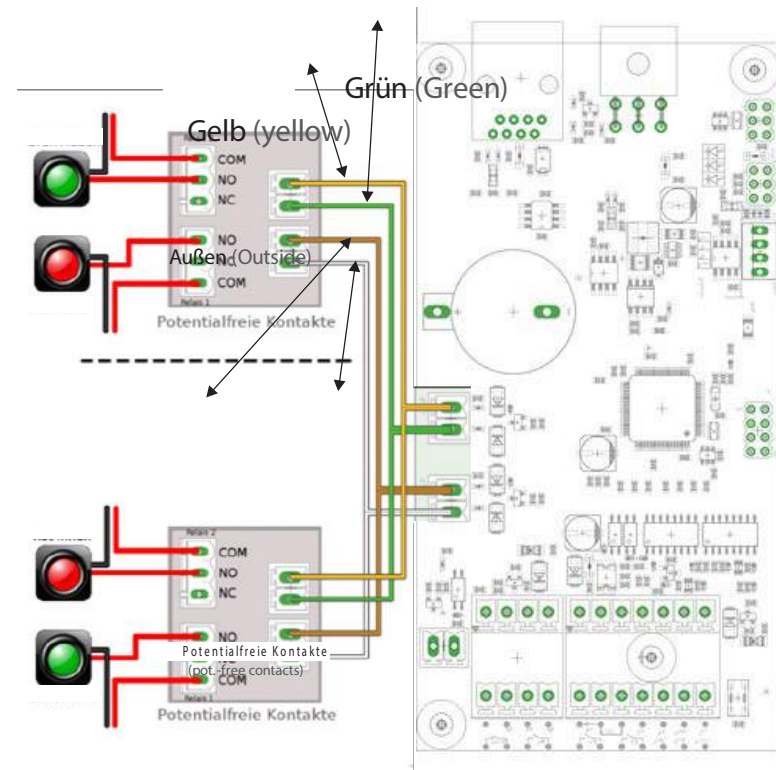


Potentialfreies Relais in der Tordose

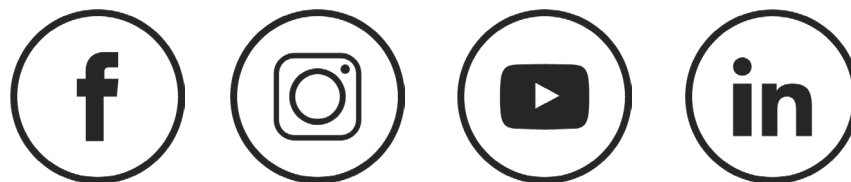


Höchstbelastung Relais
(maximum load): 5A
Anschlussspannung
(connection voltage): 230 V

Rot-Grün Gegenverkehr Ampelschaltung



Suivez-nous sur:



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