

Configuration ORBIT Pro 800

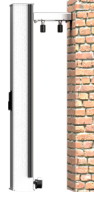
24V, for gates up to max. 800kg weight and max. 14,000mm length



1 Select the drive unit



ORBIT PRO 800
with counter post



ORBIT PRO 800
for wall mounting

Track rollers and guide rollers are not included in scope of delivery.

Company:

Contact person:

Ref.:

Phone:

2 Select a suitable combination of drive assembly and toothed wheel



Module 5 - plastic



Module 4 - plastic



Module 4 - steel

Standard drive assembly

For gates up to 800kg - velocity approx. 12.6m/min

Drive assembly with long drive shaft

Long drive shaft, velocity approx. 12.6m/min,
for gates up to 600kg and larger distances between rack and drive unit

Drive assembly for fast gate movement

The fast slide gate opener, velocity approx. 16.8m/min,
for gates up to max. 300kg

	not possible	not possible	

3 Toothed racks



Aluminium combined with plastic, module 5

with damping, height adjustable, for screwing, approx. 1,000mm

required length: _____ m



Solid-plastic rack, module 4

height adjustable, for screwing, approx. 1,000mm

required length: _____ m

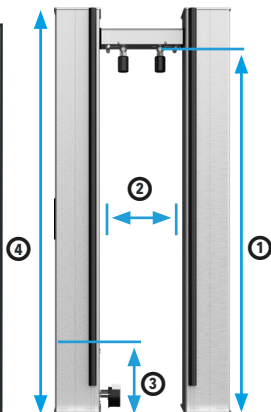


Zinc coated rack, module 4

height adjustable, for screwing, approx. 1,000mm

required length: _____ m

4 Maß ORBIT PRO 800



① Height roller carrier (HR)

Selectable between 840mm and 2,370mm.

Required height: HR = _____ mm

② Distance between posts (A)

Selectable between 120mm and 495mm.

Required distance: A = _____ mm

③ Top edge toothed wheel (ZO)

Only requested, if different from standard.

Top edge toothed wheel ZO = _____ mm +/- half adjustment range

④ Total height

The total height refers to the roller carrier height + 130mm

Dimension

For exact measurements please see attached dimension sheet.

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Safety contact profiles

Secondary closing edge

4 pcs for each ORBIT PRO (with counter post) required.

Safety contact profile, activation at 41mm compression (article no. 606 005 205)

Safety contact profile, activation at 19mm compression (article no. 606 005 204)

Main closing edge

Safety contact profile, activation at 41mm compression (article no. 606 005 205)

Safety contact profile, activation at 19mm compression (article no. 606 005 204)

Height door leaf: HT= _____ mm

Trim strip

Trim strip for insertion into the groove of the safety contact profile (article no. 812 900 000)

HS-System

Current-carrying system, inductive, for safety contact profiles at the main closing edge of slide gates up to 20m length. Complete set of evaluation device, steel cable, coil core, necessary accessories and fixing material.

HS-System (article no. 606 004 000)

According to the applicable national directives and standards, the corresponding safety devices must be used.

An additional transmission system is required for the main closing edge, e.g. HS-system.

The trim strip has to be used when no safety contact profile should be installed.

An additional service door in the operator post is recommended for convenient installation of the HS-system.



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Photoelectric barrier

Flush mounting (article no. 606 003 003)

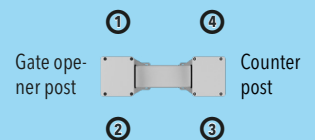
- Position (1-4) _____ Installation height: PLS1: _____ mm
- Position (1-4) _____ Installation height: PLS2: _____ mm

Surface mounting (article no. 606 003 001)

- Position (1-4) _____ Installation height: PLS1: _____ mm
- Position (1-4) _____ Installation height: PLS2: _____ mm

Installation positions

Top view



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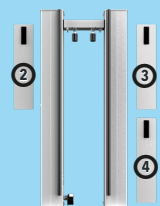
Service doors

Additional service doors

- Operator post, at the top ② Position door PT2: _____ mm Height door HT2: _____ mm
- Counter post, at the top ③ Position door PT3: _____ mm Height door HT3: _____ mm
- Counter post, bottom ④ Position door PT4: _____ mm Height door HT4: _____ mm

Height additional service door: 500mm or 800mm

Installation positions



For exact measurements please see attached dimension sheet.

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Access control devices and radio remote control



Key switch Open-Close, emergency stop button (article no. 608 000 020)

1. Position (1-2) _____ Installation height PST1: _____ mm
2. Position (1-2) _____ Installation height PST2: _____ mm



Schlüsseltaster AUF-ZU mit Stoptaster, unter Putz (Art.Nr.: 608 000 021)

1. Position (1-2) _____ Einbauhöhe PST1: _____ mm
2. Position (1-2) _____ Einbauhöhe PST2: _____ mm



Key switch, STAZ, flush mounting (article no. 608 000 006)

1. Position (1-2) _____ Installation height PST1: _____ mm
2. Position (1-2) _____ Installation height PST2: _____ mm



Key switch, STTR, impulse and lockable, flush mounting (article no. 608 000 012)

1. Position (1-2) _____ Installation height PST1: _____ mm
2. Position (1-2) _____ Installation height PST2: _____ mm



Profile half cylinder lock, keyed alike (30/10)

Same key for all key switches



Terminal row (article no. 512 900 020)

With double-pole circuit breaker, socket for loop detector



Emergency stop (article no. 608 001 010)

1. Position (1-2) _____ Installation height PST1: _____ mm
2. Position (1-2) _____ Installation height PST2: _____ mm



Code switch with stainless steel keypad (article no. 608 006 004)

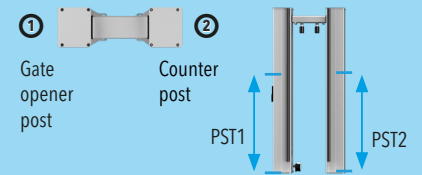
1. Position (1-2) _____ Installation height PST1: _____ mm
2. Position (1-2) _____ Installation height PST2: _____ mm

One additional service door is required when using a key switch.

Installation positions

Top view

Mounting height



For exact measurements please see attached dimension sheet.



7-day-timer, without installation 2-channel (article no. 608 009 000)



365-day-timer, without installation 2-channel (article no. 608 009 001)



Radio remote control 434 MHz Radio remote control 868 MHz

- | | | |
|-----------|----------|-------|
| 1-channel | quantity | _____ |
| 2-channel | quantity | _____ |
| 4-channel | quantity | _____ |



Rod antenna (article no. 605 999 001)

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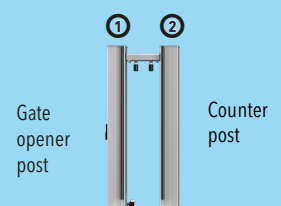
Round flashing light



Round flashing light (article no. 606 001 001)

- 1 pc position (1-2) _____

Installation positions



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ORBIT PRO infeed post



ORBIT PRO guide post

Can be used as limit stop for the gate system
Height: selectable from 900mm up to 2,500mm
Required height: EH= _____ mm

Guide bracket and guide shoe are not included delivery.

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Custom colours / Delivery stat

Raw aluminium

Raw aluminium, completely assembled
Raw aluminium, assembly kit, for painting on site

Lacquering

RAL _____

Degree of gloss glossy
 silk matt

Powder coated

RAL _____

Degree of gloss glossy matt
Surface structure smooth medium structure
 fine structure coarse structure

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Miscellaneous



ELKA-Torantriebe GmbH u. Co. Betriebs KG, Dithmarscher Str. 9, 25832 Tönning

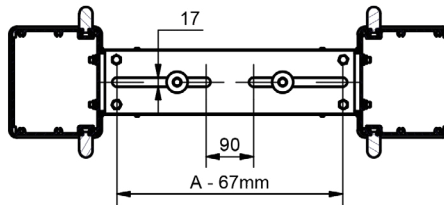
✉ info@elka.eu

☎ +49 (0) 4861 - 9690-0

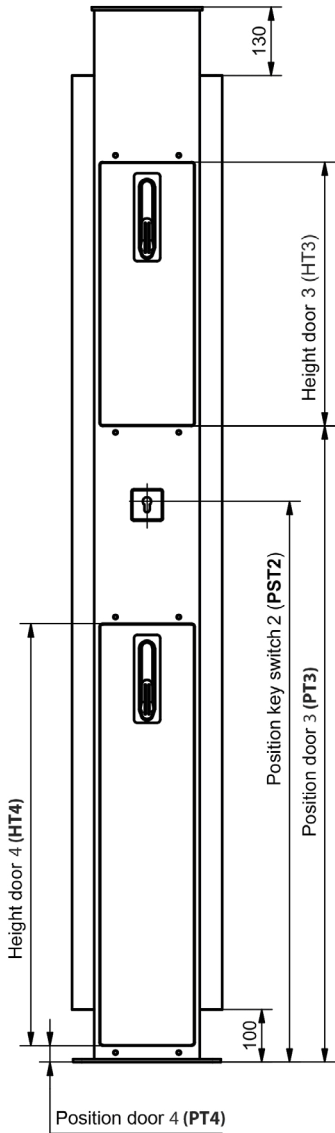
🌐 www.elka.eu

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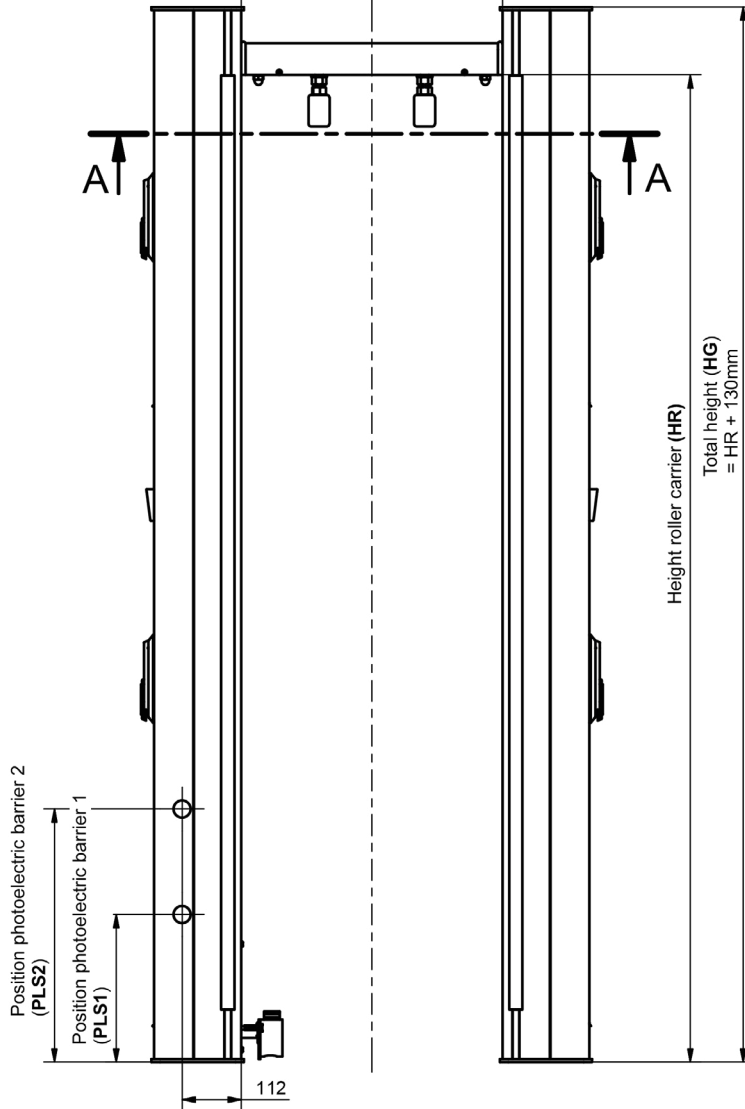
Section A-A



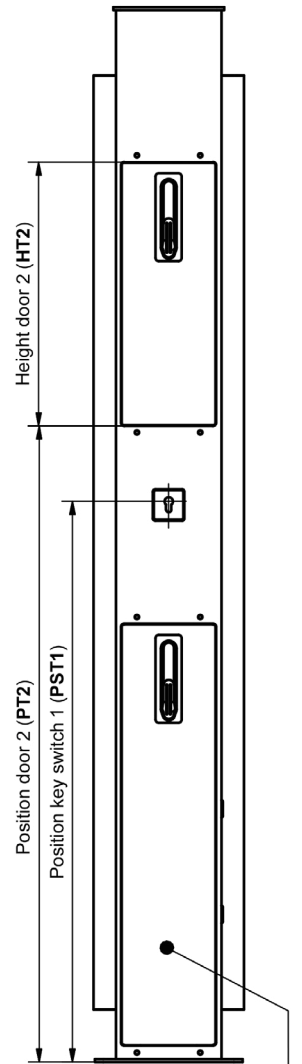
Counter post



Distance between the posts (A)

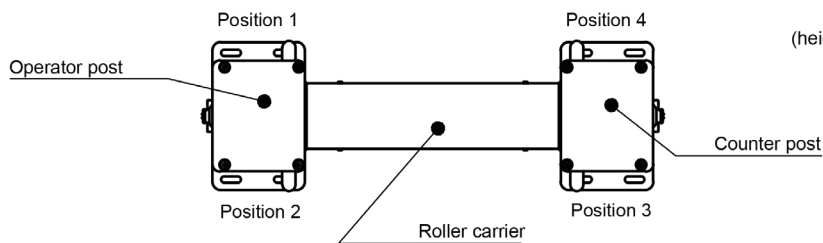


Operator post

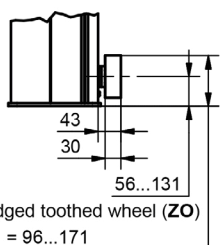


Total height (HG)
= HR + 130mm

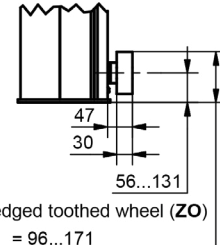
The position of the „bottom door“
in the operator post depends
on the drive height
(height top edge of the toothed wheel)



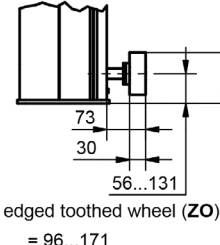
Toothed wheel ORBIT Pro 800:
Plastic, module 5
Plastic, module 4



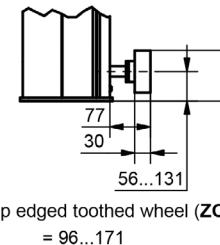
Toothed wheel ORBIT Pro 800:
Steel, module 4



Toothed wheel ORBIT Pro 800-L:
Plastic, module 5
Plastic, module 4



Toothed wheel ORBIT Pro 800-L:
Steel, module 4



Toothed wheel ORBIT Pro 800-S:
Steel, module 4

