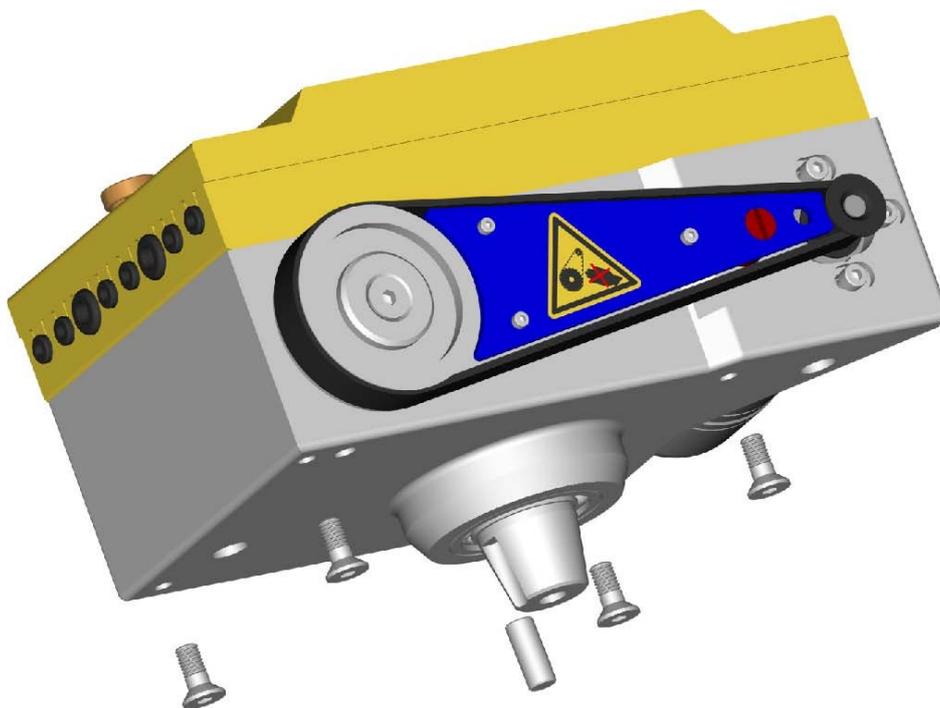


SYNCHRO Plus 8P4XX Drive

Synchronous Drive with LOGITURN® Control Unit
for Turnstiles



The SYNCHRO PLUS drive is a complete, encapsulated unit which can be installed in a wide variety of turnstile housing types. It moves the turnstile in time with the person walking through it and proceeds to the next zero position with a gently ramped braking process after their assage.

A central component is the freely programmable LOGITURN® control unit, which can be easily adapted to customer preferences or the mechanical conditions of different turnstiles (e.g., setting the speed of rotation).

It can be used in the following products:

Turnstiles with tilted rotational axes in 3-arm, 2-arm and Open Gate designs.

The LOGITURN® control unit also has the full range of interfaces and input/output connections for access control systems (such as coin acceptors).

Expansion modules for remote control panels, building control systems and supplementary power in case of power outage can also be added.

Technical Data:

- Traffic capacity: 1800 persons/hour
- Economic lifespan: 14 years
- Minimum installation space requirement
LxWxH: 300x175x130mm
- Weight: 8,5kg
- Operating temperature: -20°C to +50°C
- Storage temperature: -40°C to +60°C
- Acoustic pressure
for a distance of 0,5 m: 45dBA
- Holding torque
Safety slip clutch: 180Nm

LOGITURN® 2 Control Unit

- Power supply: 24VAC
- Average output: 20VA
- Power input: 100VA
- 5 freely programmable inputs
- 5 programmable outputs
- 2 relay outputs
- RS-485 interface for networking

LOGITURN® 2 Expansion Board

- 4 relay outputs 8P402
- 4 optical coupler outputs 8P403
- RS-232 interface
- Charge regulator for emergency power supply

Application:

- 3-arm turnstiles 3x120°
- 2-arm turnstiles with panic release 120°/240°

Features:

- High comfort for the user
- Compact size
- Unlocks even under load (alarm situation)
- Complete function-tested,
wired unit
- For entry and exit direction
- Automatic compensation for different bearing
frictions (turnstile floor support)
- Encapsulated housing design
- Compensation of shaft angle error
- Compensation of height tolerances for turnstile
- Corrosion-resistant materials
- Maintenance-free mechanism
- Secure traffic separation
- Quiet, smooth motion
- Overload protection, safety slip clutch to
protect against damage from vandalism

Options:

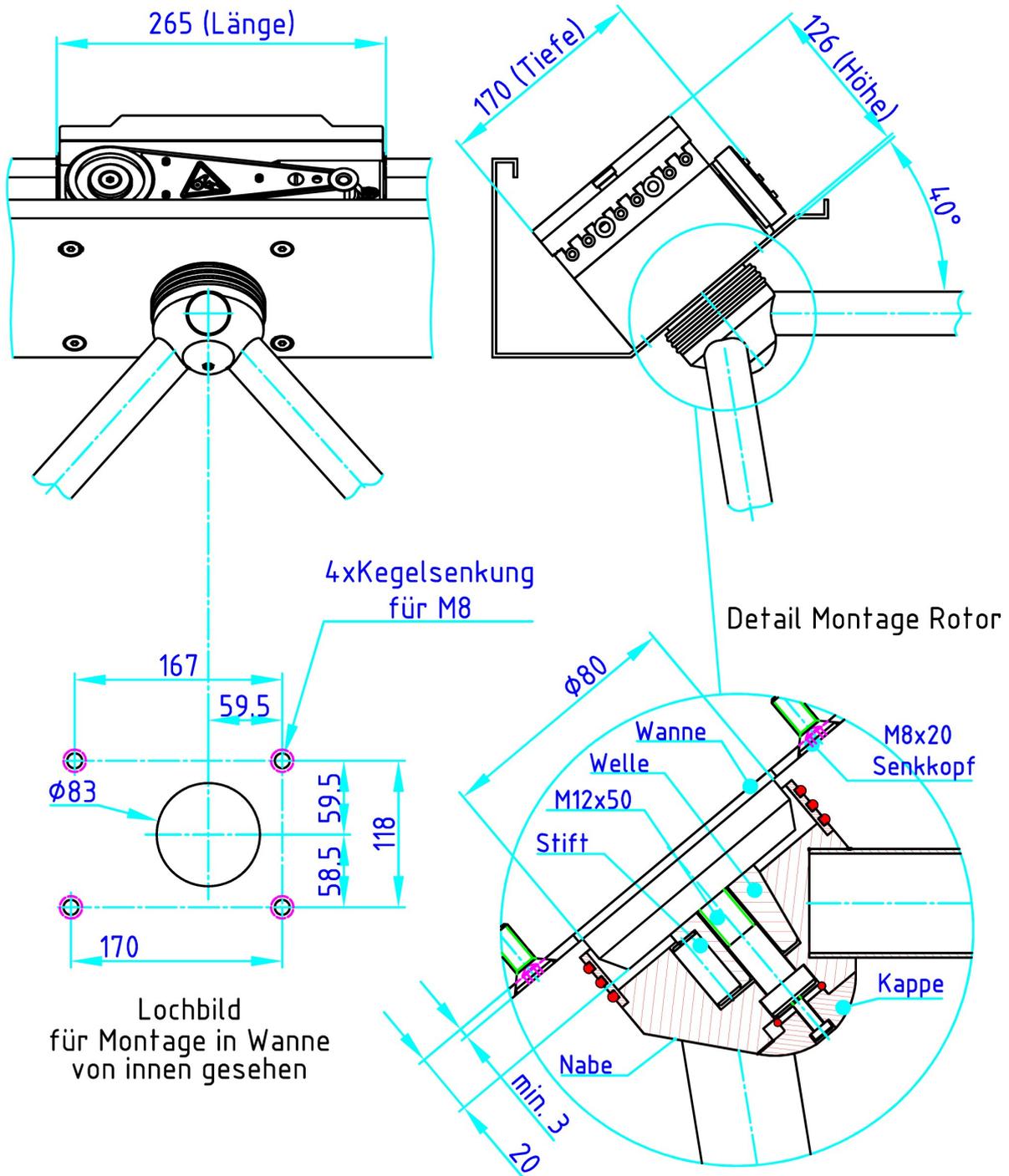
- Climb-over protection
- Touch-less start
- Signal equipment
- Control panel for remote operation
- Expansion module for additional inputs,
outputs and interfaces
- Emergency power supply

- Open Gate turnstiles

Product Examples



Dimensions



Scope of supply:

- Plus drive
- LOGITURN[®] 2 control unit
- Mounting parts

Turnstile arms:

- Art. no. **8P185**
Star barrier, 3-arm, CrNi
- Art. no. **8P186**
Star barrier, 2-arm, CrNi
- Art. no. **8P187**
Star barrier Soft Plus, OPEN GATE

Models:

- Art. no. **8P400**
SYNCHRO PLUS drive for 3-arm turnstile
- Art. no. **8P410**
SYNCHRO PLUS drive for 2-arm turnstile with panic release
- Art. no. **8P420**
SYNCHRO PLUS drive for OPEN GATE for free access

Ergänzende Produkte:

- Art. no. **2P810**
System cable yellow
Li-(Y+2YF)CVY2x2.5+(2x0.5)
- Art. no. **6P930**
Power supply 200VA, 0-12-24 VAC
for two turnstiles
- Art. no. **8P402**
LOGITURN[®] 2 Expansion Board
for SYNCHRO PLUS with a relay output
- Art. no. **8P403**
LOGITURN[®] 2 Expansion Board
for SYNCHRO PLUS with an optical coupler
output
- Art. no. **8P405**
USV 2Ah for LOGITURN[®] 2
Uninterruptible power supply
- Art. no. **8P406**
USV 10Ah for LOGITURN[®] 2
Uninterruptible power supply
- Art. no. **8P407**
Surface mounted housing for control panel
for LOGITURN[®] 2
- Art. no. **8P408**
LOGITURN[®] 2 control panel
for manual operation of 2 turnstiles
- Art. no. **8P412**
PLUS triggering sensors
IR sensor
- Art. no. **8P501**
LOGITURN[®] 2 software control panel
incl. RS-232/RS-485 converter
- Art. no. **8P502**
LOGITURN[®] 2 software control panel
incl. USB/RS-485 converter