VARIO 1300 D

The motorized, chest-high Vario 1300 D vertical double turnstile is made entirely of rustproof material and is especially well-suited for creating barriers at high-traffic entrances to swimming pools and leisure facilities.

The drive and Logiturn controls are located on top and thus easily accessible and protected from ground moisture.

With its transparent housing, the Vario 1300 D is unobtrusive in appearance and enhances the architecture of the reception area.

The Vario 1300 D is suitable for single or dual directional operation and is optionally available in saltwater resistant construction.

Features

- Pre-assembled on delivery
- Silent running
- LOGITURN controls
- Bidirectional operation
- Reversible entry direction
- High traffic capacity
- Long service life
- Transparent design complements any architecture
- Saltwater version available
- Integrated control unit
- Maintenance-free mechanism
- Extensive range of accessories

Applications

- Swimming pools and hot springs
- Plant security
- Museums and leisure facilities
- Suitable for outdoor applications

Models/options

- ·Vertical double turnstile, chest-high

Options:

- 180° turning angle with panic function
- Saltwater-resistant V4A construction
- Base console
- Green signal light
- External control console
- Touchless sensor start
- Light barrier fittings
- Climb-over/crawl-under protection

Technical Data

Power supply:	24 V DC
Power consumption:	max. 200 VA
Traffic capacity:	3,400 persons/hour
Storage temperature:	-40°C to +50°C
Operating temperature:	+5°C to +50°C
Total/passage width:	1,145 mm / 550 mm
Length:	1,200 mm
Height:	1,300 mm
Weight:	180 kg
Interfaces:	RS485, potential-free contacts, optocoupler inputs, optional RS232
Material:	CrNi steel grade 1.4301 acrylic glass

Standards & Regulations

CE Machinery Guidelines	
UL 94 V-0	
VDE/ÖVE	PELV
Degree of protection:	IP 43 per EN 60529
Manufacturing Std.:	ISO 9001

Function

In the normal operating mode, an electric brake locks the turning arms in place.

The brake is released by the reader system or an optional external manual control so that the arms can turn freely in the appropriate direction.

Slight pressure activates the drive, which turns the arms 90°. Internal sensors prevent the arms from hitting the person passing through and causing injury.

Once passage is completed, the turnstile sends a signal to the reader.

To prevent injuries in case of panic, a slip clutch allows the unit to be activated with a force of at least 10 kN when locked if an alarm is triggered.

When not powered, the arms can be turned manually with little force.

The 90° partitioning ensures secure traffic separation

Sample Layout

Dimensions

Electrical Connections

Inputs:
- Reader release, entry direction
- Reader release, exit direction
- Single release button, entry direction
- Single release button, exit direction
- Continuous release switch, entry direction
- Continuous release switch, exit direction
- Stop button

Outputs:
- External entry counter, non-resettable
- External exit counter, non-resettable
- External signal light
- Feedback

Models:

6V800: VARIO 1300D-90 double turnstile

6V801: VARIO 1300D-180 double turnstile

Options:

2100: Saltwater-resistant V4A construction

21683: Base console

21770: Green signal light

6P407: External control console

6P408: External control console

6P930: Power supply 200 VA, 2x12V

2PV12: Touchless sensor start

2PV13: Opto-Sensor Assembly

2P782: Climb-over/crawl-under protection

Other Products:

6V600: VARIO 1300E-90 single turnstile

6V601: VARIO 1300E-180 single turnstile

2V087: VARIO 1300 acrylic lane divider

2V074: VARIO 1300 metal bar lane divider

60960: Ikarus Baden motorized gate

21090: Stroller gate

Various reader stands

Sample Quotation

Item	Qty.	Text	Price each	Total
		pc. vertical double turnstile(s), chest-high design, with electric motor drive and 90° arm separation. Body and cover made from stainless steel and acrylic glass, stainless steel arms, compact design, for indoor installation.		
		Clockwise or counter-clockwise rotation		
		Maintenance-free mechanism, integrated control electronics. Drive and electronics located on top		
		Runs on 24 V direct current		
		Add-ons can be installed on either side and card readers or biometric security devices connected		
		Bolted directly to load-bearing substrates (e.g., concrete floor) or installed with optional base console on non-load-bearing substrates.		
		Reference product: Gotschlich Model VARIO 1300 D		
		with the following optional features:		
		☐ 180° arm separation with panic function		
		☐ Integrated optosensors for presence verification (release only when person present)		
		☐ Integrated optosensors for touchless actuation		
		☐ Green signal light		
		☐ Climb-over/crawl-under protection		
		☐ Saltwater-resistant V4A construction		
		As well as the following accessories:		
		☐ Railings with acrylic glass as guide element		
		☐ Bracket for mounting a card reader		
		☐ External operating panel for manual turnstile operation		

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