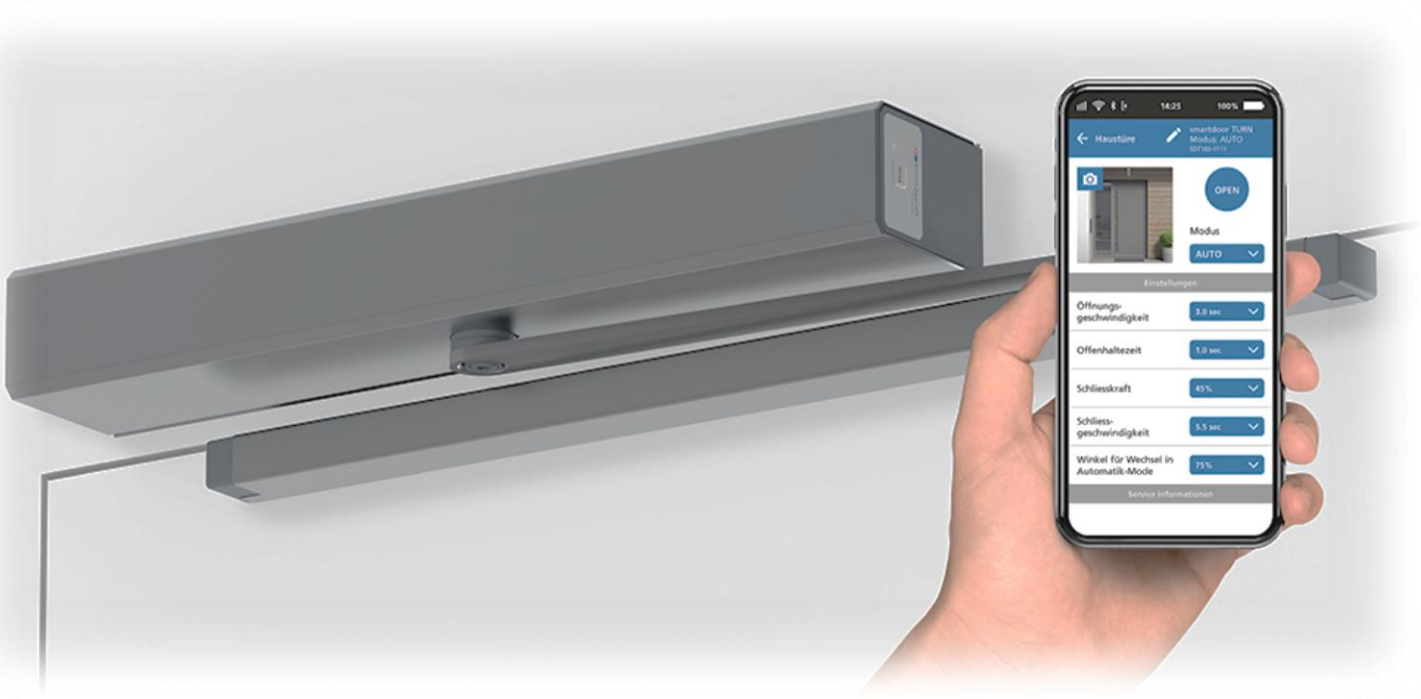
smartdoor TURN

designed by gotthard

Inspection book



Swing Door Opener
smartdoor TURN T100

gotthard mechatronic solutions

Inspection book

Commissioning

ID: .....

SN: .....

Manufacturer: .....

Phone (manufacturer) .....

Installation firm: .....

Phone (installation firm) .....

City .....

Date of commissioning: .....

	Lintel assembly		**Door leaf assembly**	
	Opposite hinge	Hinge side	Opposite hinge	Hinge side
Scissor linkage	○			○
Sliding linkage	○	○	○	○

Protective equipment:

	yes	no
Emergency control device present?	○	○
Does the presence sensor monitor the complete door width?	○	○
Does the drive monitor the presence sensor system?	○	○
Is the secondary closing edge secured (e.g., finger protection)?	○	○
Are the required safety distances maintained?	○	○
In the case of protection with force limiting: Are the forces maintained?	○	○

Additional tests:

	Note results here!
Measure operating forces!	…….
Measure opening and closing times!	…….
Measure force for stopping a moving door leaf!	…….
Measure force for manual movement!	…….
Note adjustments which have resulted from the above measurement!	…….

Name of the inspector: …….

Signature: …….

Before the initial commissioning of installed automatic door systems this acceptance check must be carried out at the place of use by someone who has been trained by the manufacturer of the drive unit.

The test results must be submitted in writing and retained by the operator for at least a year.

Recurring inspection and maintenance

Date	Maintenance and repair work Changes Retrofit operations Additional work	Name / signature

Check list Operator checks

Step	Process	Result	Done
1	General visual inspection for damage, wear	No visible damage or wear	☐
2	Deactivate lock or other peripherals		☐
3	• Switch off drive (chap 7.1) • Wait 5 s • Open door approx. 30° • Switch on main switch	3 beeps, door closes slowly	☐
	If Automatic mode is not yet active, set side MODE button to automatic operation.	Green LED lit (not flashing)	☐
5	Nudge closed door by hand	The door opens and closes after the adjusted hold-open time.	☐
6	Actuate corresponding operating elements for opening the door, e.g., switches, push buttons, sensors etc.	The door opens and closes after the adjusted hold-open time.	☐
7	Place an obstacle in the way of the door respectively during opening and closing (e.g., chair, foot or similar.)	• Open: Door stops and stays in one place • Close: Door stops and opens again slowly	☐
8	Activate lock or other peripherals		☐
9	Activation of the presence sensors (if present) when opening and closing the door	• Open: Door stops and stays in one place • Close: Door stops and opens again slowly	☐

Maintenance check list

In commercial operations, maintenance must be carried out annually according to the check list by trained personnel. The test results must be submitted in writing and retained by the operator for at least a year.

Step	Process	Result	Done
1	General visual inspection for damage, wear, wire routing	No visible damage or wear, wires all fixed in place	☐
2	Use the Service Tool to set the following parameters: -Behaviour - obstacle when opening = **stop** -Behaviour - obstacle when closing = **reverse** -Extension of hold-open time = 5 s -Max. hold-open time = 10 s -Number of attempts for obstacle when closing = 5 -Number of attempts at continuously open = 3		☐
The following steps must be carried out with all presence sensors connected			
3	Open door with opening pulse. When opening: With obstacle, trip presence sensor at approx. 45° door angle and remove obstacle	Door opens and stops at obstacle detection. After waiting a short time (1 s) the drive tries to open the door again.	☐
4	Open door with opening pulse. When opening: With obstacle, trip presence sensor at approx. 45° door angle and leave obstacle in place When the door pauses in semi-open position: Close door by hand	Door opens and stops at obstacle detection. After waiting a short time (1 s) the drive tries to open the door again. After 3 attempts, the door stays in the semi-open position as well as in continuously open mode After passive closing: Drive switches to automatic mode	☐
5	Open door with opening pulse. When closing: With obstacle, trip presence sensor at approx. 45° door angle and remove obstacle	The door opens. After the end of the hold-open time, the door closes automatically In the case of closing obstacle detection: Door stops and reverses.	☐
6	Open door with opening pulse. When closing: With obstacle, trip presence sensor at approx. 45° door angle and leave obstacle in place When the door pauses in semi-open position: Close door by hand	The door opens. After the end of the hold-open time, the door closes automatically. In the case of closing obstacle detection: Door stops and attempts to reverse. After 5 attempts, the door stays in the semi-open position (45°) and switches to continuously open mode. After passive closing: Drive switches to automatic mode	☐