



THE SMART WAY
TO OPEN DOORS



g3-smartdoor.swiss

gotthard 
mechatronic solutions



Bluetooth LE

CLEVER AND CONVENIENT

- Bluetooth module for all buttons available on the market
- Simple operation via Bluetooth LE
- Security with 128-bit encryption
- Battery-operated peripherals with a 10 year lifetime
- Opening signal or switching between operating modes
- Non-contact buttons

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Low Energy

MODERN UND SAFE

- The low energy operation is ideal for equipping disabled friendly homes with automated swing doors throughout the entire interior exterior, with and without safety sensors.
- The smartdoor TURN works in low energy mode and moves the swing door in accordance with the DIN 18650 and EN 16005 safety requirements.
- With this, the door opener continuously monitors the speed so that the swing door never exceeds the maximum kinetic energy of 1.69 J. This energy is related to the mass and width of the door leaf. This results in the maximum opening times, which are typically around 3 seconds.
- The smartdoor TURN works in low energy operation even with connected safety sensors. The full power operation is enabled by a technician with the app.

WORLD'S

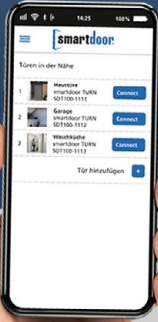


Installation

QUICK AND SIMPLE

- Fully automated commissioning
- Versatile connection options
- Programmable in- and outputs
- Possibility to connect all sensors available on the market
- Patented pretensioning settings for the holding-shut torque
- Patented free swing function
- All installation options in a single model: DIN left or right, door leaf installation, lintel installation

SMALLEST



App | Service tool

SMART AND EFFICIENT

- Free user app and service tool
- Installation guide
- Convenient configuration of the door opener with the service tool
- Switching between operating modes
- Unlimited management of door devices
- Software update
- Preconfigured door types
- And much more ...

DESIGN



Germ-free

HYGIENIC COMFORT

- With the smartdoor, the door can be opened by staff and visitors without being touched. This supports the hygiene measures in doctor's surgeries, therapy centres, hospitals and retirement home.
- The smartdoor supports people who are reliant on aids for their mobility. It allows them to move about their residence or retirement home without external help.
- In your home, the smartdoor opens the entrance door by fingerprint, badge, door intercom system or smartphone and closes the door again afterwards.
- In your shop, the entrance door remains securely locked at night, while during the day your customers enjoy the comfort of an automatic swing door.



Barrier-free

SMARTDOOR IN DAILY USE



«I'm glad I equipped my surgery with door openers. My patients thank me every day.»

Karin B., gynaecologist



«Thanks to the smartdoor I can continue to live at home and I only go to the old people's home as a visitor.»

Hans G., pensioner



«My front door opens automatically. I wouldn't want to be without this little luxury anymore.»

Angelina A., housewife



BUSINESSPARK GOTTHARD 3

The concept:
«Gotthard 3» offers
you competence in
mechatronics.
All services from
development
through to delivery
from one source –
under one roof.

Businesspark Gotthard 3, Muri AG, Switzerland.

TECHNICAL DATA

Device dimensions	400 × 52 × 72 mm
Lifetime	> 500 000 Zyklen
Noise level	< 30 dB
Low energy mode	EN 16005
Max. actuator speed	40° per second
Opening angle	Adjustable Max. 115°
Range of closing function (unpowered)	5–15°
Hold-open time	1–60 seconds
Supply voltage: AC version	90–264 VAC 47–63 Hz
Supply voltage: DC version	22–28 VDC 6 A
Power supply for external sensors	24 VDC 0.8 A
Power consumption for rated power Standby	144 W 1 W
Door leaf width	600–1200 mm
Guard locking force according to EN 1154	EN3 sliding linkage EN4 scissors linkage
Door weight: sliding linkage	Max. 100 kg
Door weight: scissors linkage	Max. 120 kg

