SODILIFT

SODILIFT · COMPONENTS

Sodilift, S.L. · Barcelona, España

Safety and hygiene

Lift safety and hygiene

- SecureMax: SIL 3 safe positioning
- PMD 280 safety gear
- Hygiene in the car
- Safety features of the QI Touch controller



Safe positioning, safety gear, touchless buttons, air purification: certified Sodimas components for the safety of users and technicians, in new lifts and modernisation.

Lift safety and hygiene

Safe positioning, safety gear, touchless buttons, air purification: certified Sodimas components for the safety of users and technicians, in new lifts and modernisation.

SecureMax: SIL 3 safe positioning

Absolute, redundant position sensor certified as a SIL 3 safety component (TÜV EU type-examination certificate), compliant with directive 2014/33/EU and standards EN 81-20, EN 81-21 and EN 81-50.

Up to 260 m

Absolute position sensing, safety switching and control functions in one housing.

3 safe outputs

CANopen interface, travel speed up to 10 m/s, 1 mm resolution.

Magnetic tape

Insensitive to dirt, smoke and condensation; the tape stays guided in the sensor.

Installation

Quick and easy, as an option on the QI Touch controller.



PMD 280 safety gear

Progressive safety gear working in both directions, up and down: one-piece moulded block in high-strength steel, meeting the requirements of EN 81.

- P + Q mass up to 3,000 kg
- Rated speed up to 1.6 m/s
- Rollers and pads in wear-resistant treated steel
- Controls at the back, clear of the guide rail fixings

Hygiene in the car

Demon Safe buttons

Antibacterial treated stainless steel and infrared technology: touchless call or mechanical contact. Fitted in place of Sodimas buttons, compatible with QI Touch, Qi, NG240, NG120 and NG12.

Airsafe 60 purifier

60 m^3/h of treated air, 99% disinfection efficiency, 45 dB(A) at 1 m, 15 W in operation, 220 V supply. Germagic filter replaced every 90 days, UV photocatalytic filter every 360 days; 300 × 150 × 66 mm, 1.5 kg.



Safety features of the QI Touch controller

- Unintended car movement (UCM) detection per EN 81-20
- Individual test of each brake from the landing controller
- Emergency lighting of the whole shaft in a power cut
- Door bypass with audible and visual signal under the car

Frequently asked questions

Is SecureMax mandatory?

No. Limax absolute positioning is enough for most lifts; SecureMax, SIL 3 certified, is an option when the project requires safe positioning.

Do Demon Safe buttons fit an existing lift?

Yes, on Sodimas operating panels: they are fitted and wired in place of the existing buttons, with QI Touch, Qi, NG240, NG120 and NG12 controllers.

Does Airsafe 60 need maintenance?

Yes, filter replacement: every 90 days for the Germagic filter and every 360 days for the UV photocatalytic filter.

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