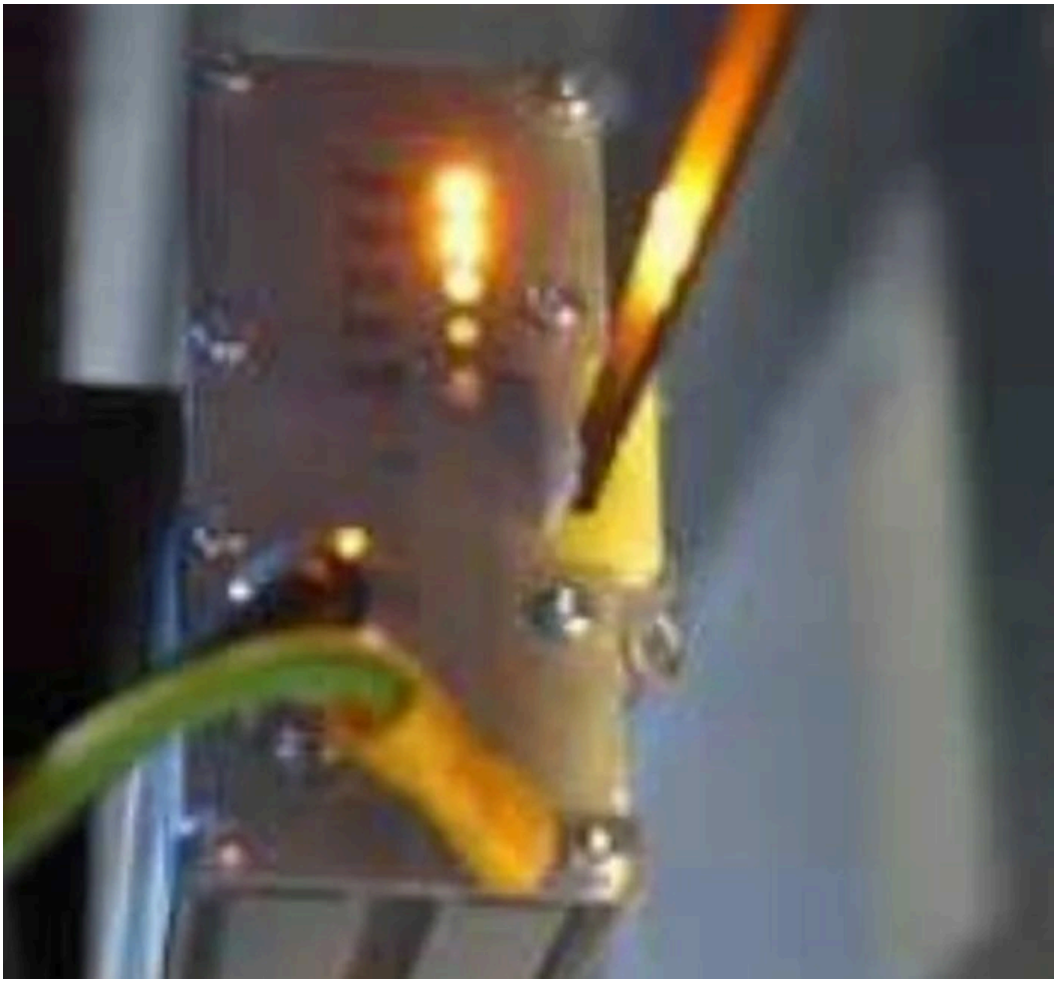
Eurolift ASCENSEURS

LIMAX positioning

LIMAX absolute positioning

- Millimetre accuracy
- Position always known
- A single tape in the shaft
- Included in the Residential Pack



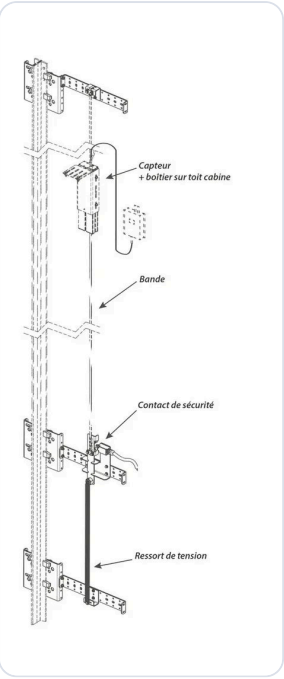
An absolute sensor on the car roof and a coded magnetic tape along the full height of the shaft: the QI Touch controller always knows the exact position and speed of the car.

Made by Sodimas, France

SODIMAS® ascenseurs

LIMAX POSITIONING

How it works



1. Sensor and box on the car roof
2. Coded magnetic tape
3. Safety contact
4. Tension spring

The sensor

Mounted with its box on the car roof, it reads the magnetic tape continuously.

The coded tape

A stainless-steel tape, coded along its whole length, stretched from top to bottom of the shaft.

The tension

A spring keeps the tape taut; a safety contact monitors its presence.

The controller

The QI Touch receives the car position and speed and controls stops to the millimetre.

Key strengths

Millimetre accuracy

Stops exactly level with each landing: more comfort and no step at the car entrance.

Position always known

The system is absolute: the car position is known at all times, including when power is restored.

A simpler shaft

No magnets or switches to fit on every floor: a single stainless-steel tape, tensioned once, and a shaft cam.

Controlled speed and travel

Measuring speed and travel gives smooth starts and slow-downs.

Quick commissioning

Floors are recorded from the QI Touch controller; fine adjustment is done on screen.

Safety

Mechanical limit switch and inspection are kept, in addition to the sensor.

An asset for modernisation

On an old lift, the magnets, vanes and switches fitted on every floor are a frequent cause of breakdowns. LIMAX replaces them with a single tape: fewer parts in the shaft, fewer adjustments, and accurate stops even on an existing installation.

Contact

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