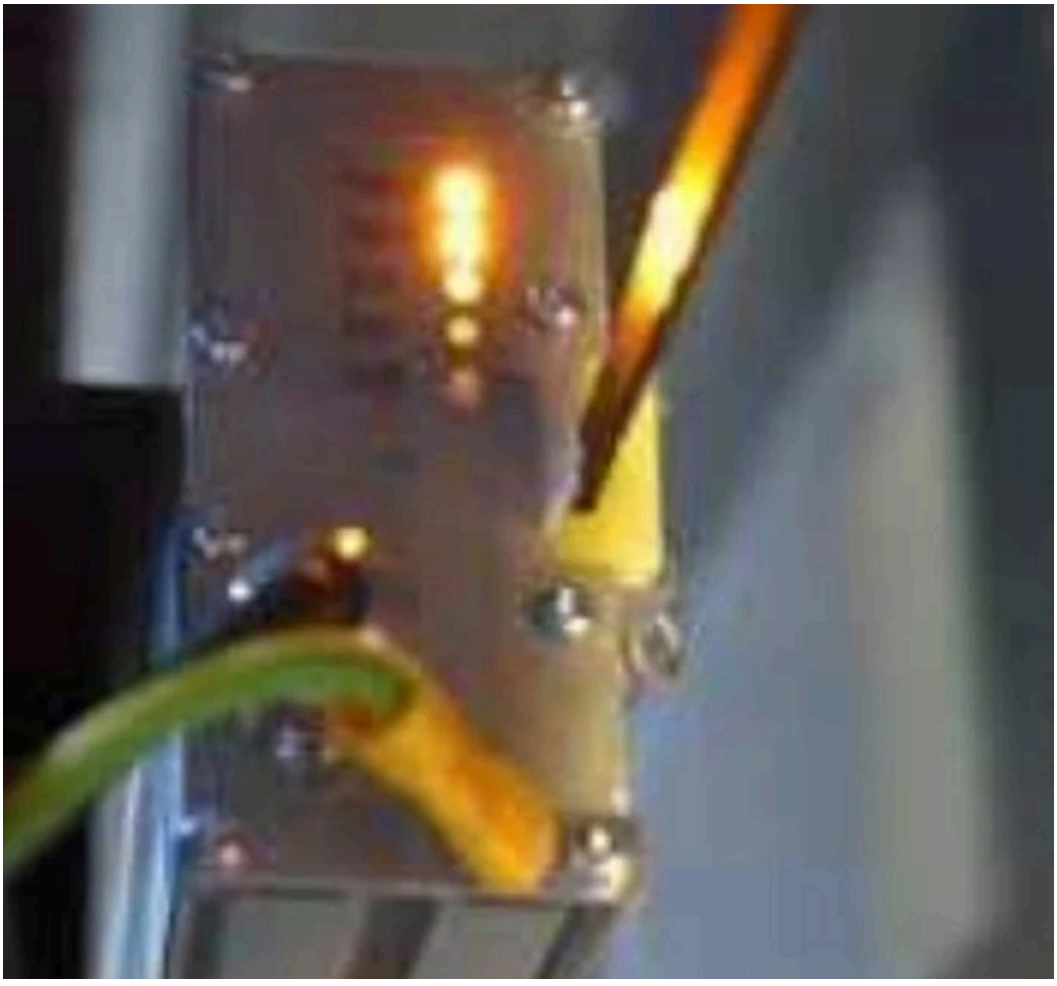
*Sodilift, S.L. · Barcelona, España*

# LIMAX positioning

## LIMAX absolute positioning

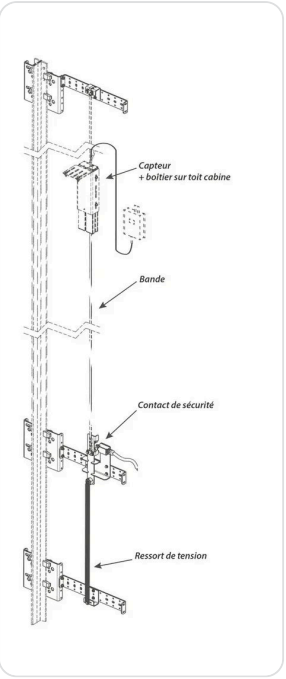
- Millimetre accuracy
- Position always known
- A single tape in the shaft
- Included in the Residential Pack



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.

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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