

New Industry Solution

MADE IN SPAIN-EU



Unión Europea

Fondo Europeo de Desarrollo Regional
"Una manera de hacer Europa"



SFS

Smart Floor Sensor

FLOOR SIGNAGE FOR LIFTS

USING TECHNOLOGY TO MAKE THINGS **EASIER** AND RELIABLE.

The SFS system is designed to detect elevator movement and determine the floor where is located at every moment with failsafe accuracy. It can transmit movement direction and floor number. Deployed in the cabin and programmed with ease, in new installs or renovations, eliminates the need of sensors on every landing and their associated costs. Our well tested algorithms applied to an array of embedded sensors do the magic.

This patent pending solution resolves other matters as well: It can be used as a positioning system for any third party equipment that can use this data and can not be connected to the elevator bus due to safety or legal reasons.

DATASHEET

KEY FEATURES

- ▶ No need of sensor installed every landing.
- ▶ No needed connections to elevator systems.
- ▶ Easy menu-driven programming interface.
- ▶ Wireless, RS485 and opto-isolated digital output.
- ▶ Small size, flexible in installation location.
- ▶ RS485 protocol can be adapted/made custom.
- ▶ Can be shipped preprogrammed.
- ▶ Can update wireless remotes.
- ▶ Displays can be connected to main sensors or remotes.
- ▶ Floor messenger multi idiom voice speech.

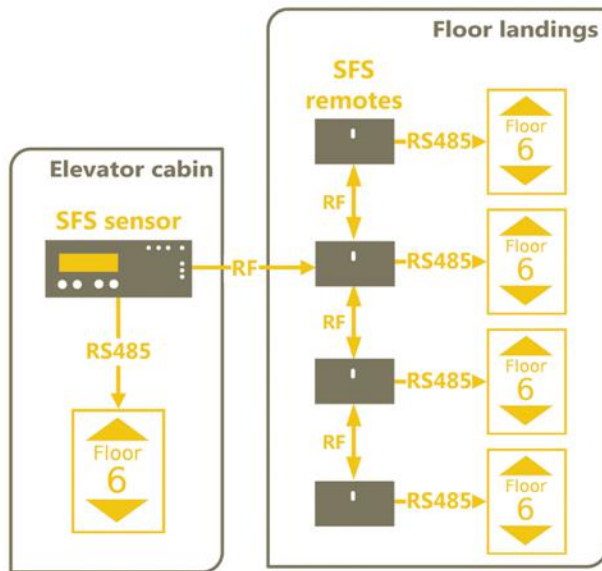


 Centro para el Desarrollo Tecnológico Industrial

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*Designed by Andrés Domínguez (RAW) and Freepik.com



PRODUCT DATA SHEET

Details	Sensor	Remote
Standard Voltage	24 V	24 V
Voltage Range	8 - 30 V	8 - 30 V
Consumption Power	1.645 W	1.638 W
Operating Temp	-10° to 55°	-10° to 55°
Size (LxWxH)	160x74x35mm	130x63x35mm
Weigth	432 g	310 g
Data Transmission	RS485 / RF	RS485 / RF
Wireless Channels	127	127

POSSIBLE APPLICATIONS

As an independent system, it can be used in a wide range of applications. These include: New elevator installs, complete elevator renovations, aesthetic cabin renovations, elevator analytics and fire fighting systems, external visual indicators, media systems, etc...

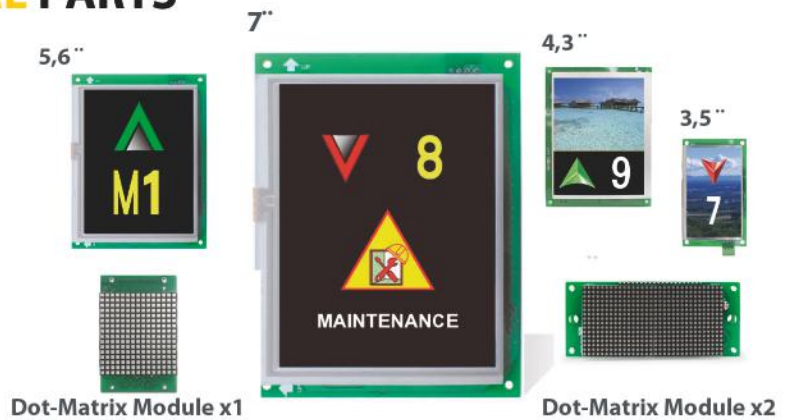
OPTIONAL PARTS



Remote

Remotes receive sensor data and spread it to other remote devices. It's the handiest and easiest way to use the state of the elevator info anywhere you want inside your building.

- ▶ Wireless range up to 6 meters inside elevator shaft.
- ▶ No need to pair with sensor device nor other remote devices.
- ▶ Ability to operate with up to 127 RF channels, from 2,411 GHz to 2,538 GHz, so that several remotes communicating with different sensors can be installed in short distances.
- ▶ Power and data LCD output.
- ▶ 5V control output activated when the elevator is on the same floor where the actual remote is installed.



Display

Displays allow elevator users and awaiting ones to be informed about the state of the elevator in anytime.

- ▶ 3.5"- 4.3" - 5.6" - 7" models for different situations, e.g., cabin display and floor (TFT- LCD - RGB & Dot-Matrix) display.
- ▶ Customized screen layout
- ▶ Ability to use custom images and animations with adjustable speed.
- ▶ Messages and warnings are fully programmable.
- ▶ Support for horizontal or vertical screen layout
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