GAL

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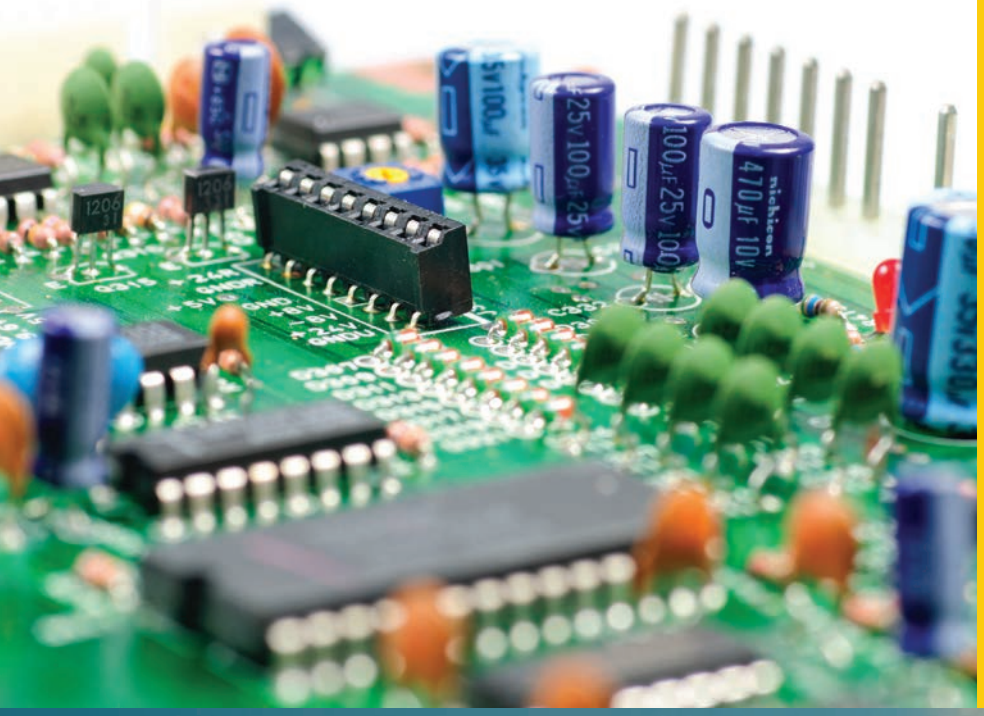
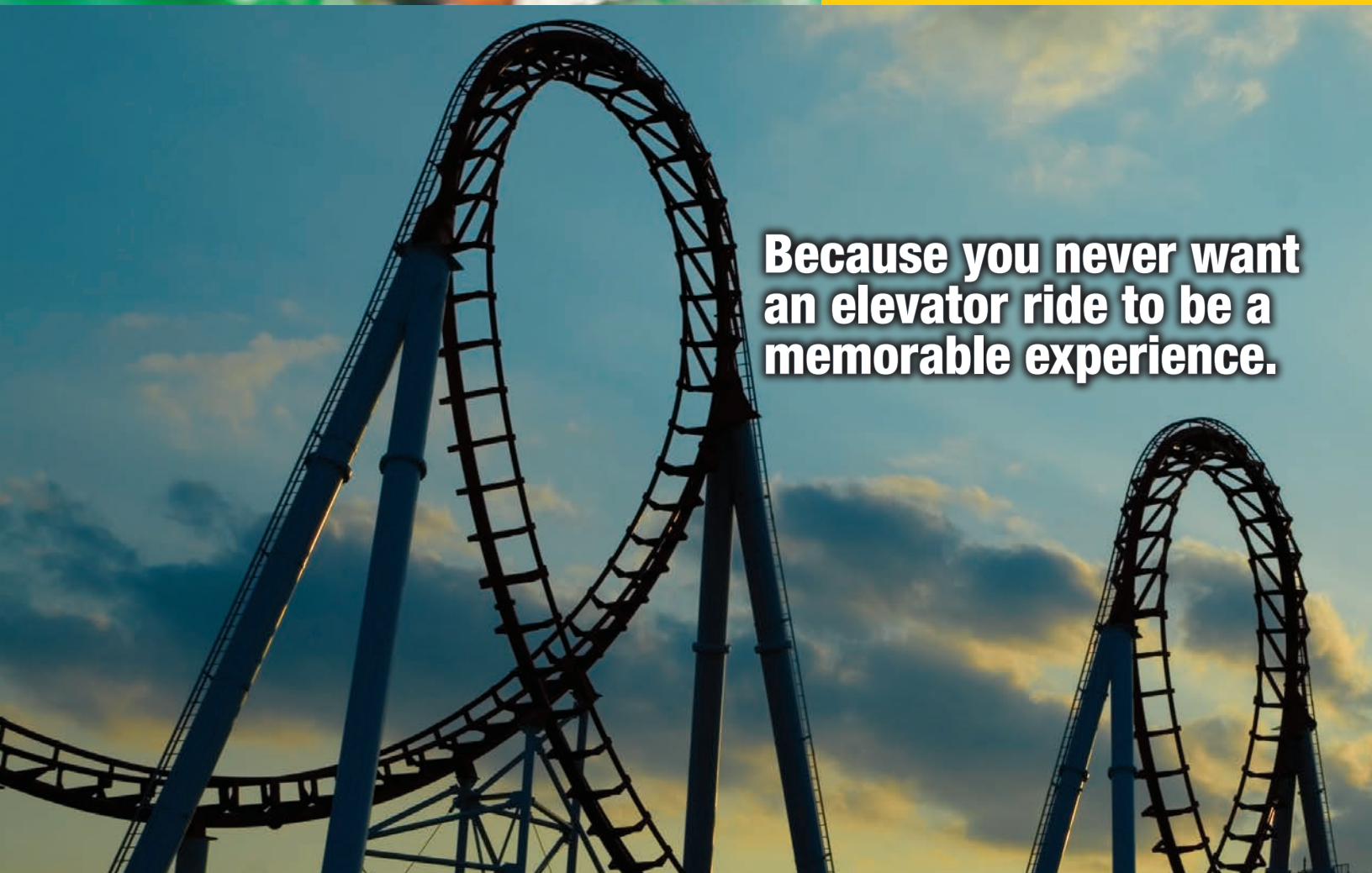


FMG1

Works with Hollister-Whitney's Rope Gripper® to provide **ascending/descending over-speed protection** and **unintended car movement detection**



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FMG1 And The Rope Gripper®— Being Compliant With NYC Building Code 2.19.2 and 3.8.4.1, Appendix K Before The 2027 Deadline.

No passenger wants to experience a heart racingelevator ride and GAL's FMG1 was designed to prevent just that.

FMG1 serves as the 'brains' of a non-proprietary safety system that constantly monitors data from the elevator's Motor, Door Zone, Run Relays, Governor, and Brake Switch. Should it detect unintended car movement or ascending/descending over-speed conditions, FMG1 then triggers the 'brawn' of the safety system — the Hollister-Whitney Rope Gripper® and car movement is halted.

This kind of capability is more than useful— it's now vital to professionals. Especially as all NYC elevators must by 2027 provide means to safeguard passengers against unintended car motion to be compliant with NYC Elevator Code 2.19.2 and 3.8.4.1, Appendix K.

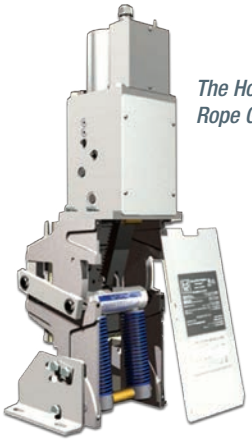
The fact that FMG1 and the Hollister-Whitney Rope Gripper® together provide a proven, successful, cost-effective method to address the 2027 compliance deadline, and that both devices are readily available from GAL— your trusted, Bronx, NY, non-proprietary elevator equipment provider — makes them a logical and convenient choice to incorporate into your system now.

FMG1 offers NYC elevator industry professionals a simple way to comply with NYC Elevator Code 2.19.2 and 3.8.4.1, Appendix K by 2027.

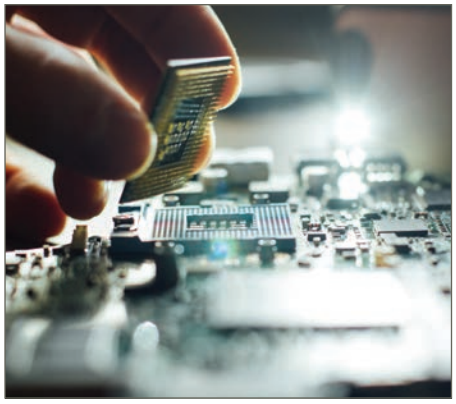
Rope Gripper® is a trademark of Hollister-Whitney, registered in the US.

FMG1 Can Interface With FM1 And Many Other Controllers To Provide You With The Full Benefits Of The Rope Gripper®.

The FMG1 unit is fully compatible with all GAL Controllers (which also provide Door Contact Fault Monitoring with FM1) built since 2000. In addition, FMG1 has been successfully used in variety of Non-GAL Controllers (Relay Logic, PLC and Solid-State Logic), which provides them with the capability to utilize the full potential of the Hollister-Whitney Rope Gripper®. For more details on how FMG1 and the Door Gripper® can help you address compliance issues call us today.



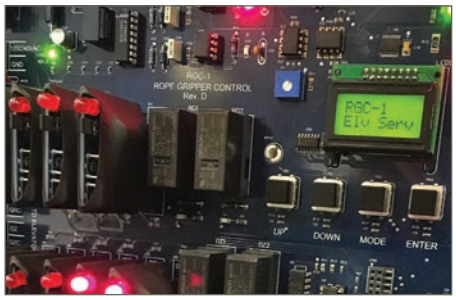
The Hollister-Whitney Rope Gripper®



GAL manufactures both FM1 and FMG1 in its advanced Bronx, NY facilities.

FMG1: Features

- **On-board LCD and keypad for diagnostics/ troubleshooting and set-up.**
- **Non-proprietary, Universal inputs permit instant upgrade of any GAL Controller and utilization with many other Controllers.**
- **Incremental Encoder Interface for elevator speed feedback.**
- **Optional second Incremental Encoder feed back to provide redundancy or slip detection.**
- **Option to monitor brake lift switch.**



FMG1's non-proprietary, Universal inputs permit the instant upgrade of any GAL Controller and full utilization with many non-GAL Controllers.

FMG1: Benefits

- **Provides unintended car movement (UCM) detection and ascending/descending over-speed (ACO) detection.**
- **Interfaces with FM1 (Door Fault Monitor Board) and the Rope Gripper® Unit to provide a simple means to halt car motion when fault is detected *(permitting system compliance with NYC Building Code 2.19.2 and 3.8.4.1, Appendix K— required by 2027)*.**
- **Board displays status of elevator (Automatic, Inspection, Faults), doors (Open/Closed) and elevator motion (Up/Down/None).**

FMG1: Electrical Specifications

- **Universal Inputs (24V-250 VAC or DC).**
- **Uses Controller power supply (110-240 VAC).**

FMG1

The **original** monitor to provide protection against elevator car overspeed or unintended car motion conditions

FMG1_0818

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