INSTALLATION GUIDE OF THE SENSOR SV

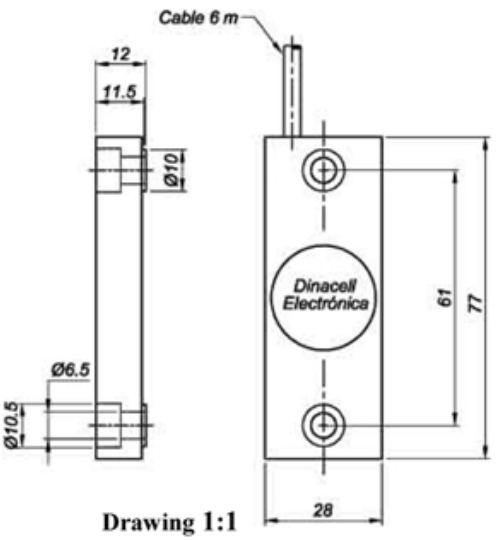
I. Introduction

The sensor SV is a load weighing system to measure the crosshead deformation. When a weight is added to an elevator car, the crosshead deflects and a repeatable deflection recieves by the sensor which can be turned into a load weighing signal.

The preparation and mounting is critical to see reliable results, make sure the sensor SV is mounted properly to the right place.

II. Dimensions & wiring connection

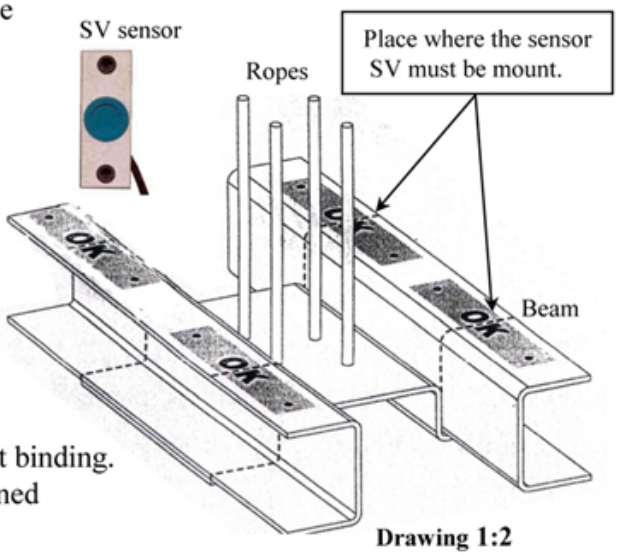
Wiring Connection	
Excitation +	Red
Excitation -	Black
Signal +	Green
Signal -	White



Drawing 1:1

III. Mounting & Preparation of the Sensor SV

1. The installation of the sensor SV must be done with the empty cabin at the lowest floor
2. The surface of the crosshead must be totally clean where the sensor will be mounted.
3. The mounting position of the sensor SV must be as shown in the drawing 1:2 (Top or Bottom placement)
4. The holes for the sensor mounting bolts must be drilled perpendicular to the top surface of the beam.
5. All debris must be cleaned before the placement of the sensor.
6. The bolts must insert easily into all of the holes without binding. Bolts must be properly torqued, once the bolt are tightened and the sensor SV was totally fixed to the beam.
7. Now, you could connect the sensor SV to the controller, folowing the sensor connections that shown above the terminals of the controller.



Drawing 1:2