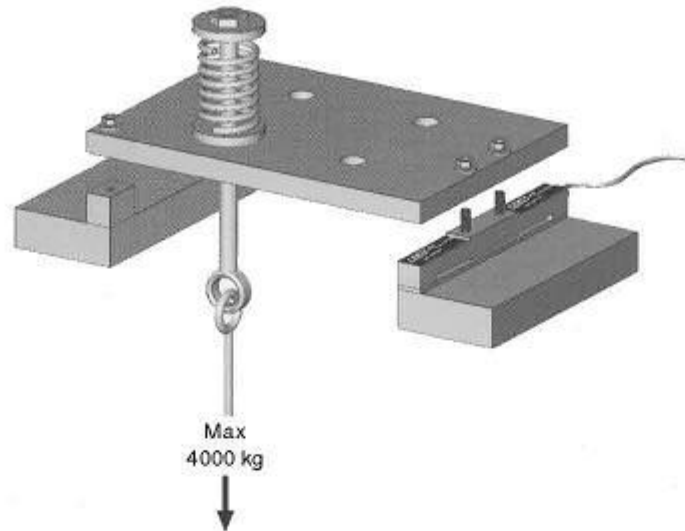


# Sky elevator®

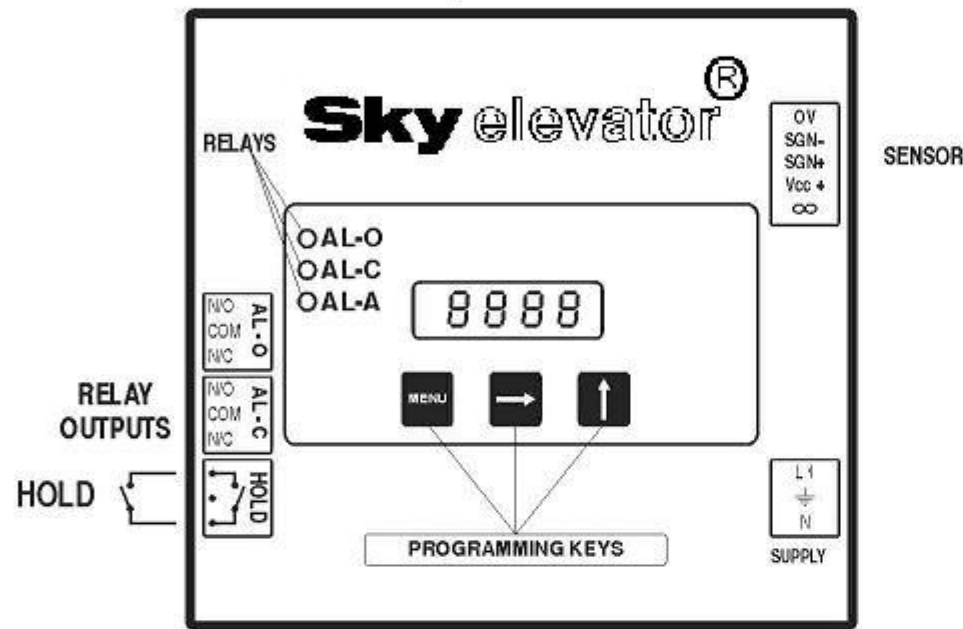
## FP INSTRUCTION MANUAL

### 1) CONNECTIONS

#### Mechanical



#### Electrical



### 2) TECHNICAL SPECIFICATIONS

Power Supply	:.....220 VAC ± %10
Number of outputs	:.....2
Relay contact	:.....6A - 24VDC
Mechanical capacity	:.....4000 kg
Bridge supply	:.....5 VDC
Sensivity	:.....2 mV/V

### 3) PROGRAMMING ADDRESSES

8888	:..... Load in the cabin.
CERO	:..... Adjust to set car empty.
CAL	:..... Calibration of the sensors and control unit.
AL-O	:..... Adjust the weight of ALO-output
AL-C	:..... Adjust the weight of ALC-output

### 4) PROGRAMMING KEYS

<b>MENU</b>	:..... Adjust the weight of ALO-output
<b>→</b>	:..... Entering into the adress and changing the prog.digit 8888
<b>↑</b>	:..... Changing the numbers

### 5) PROGRAMMING

All mechanical and electrical works must be finished and cabin must be in the middle of the shaft.

#### Step 1

**Adjusting to CERO:** press **MENU** come to CERO  
 press **→** enter into the adress  
 press **↑** Digit will start to 9999 - 8888-.....0000 and finally it will appear 0000 and this will be the weight in the cabin.

#### Step 2

**Calibration:** Put into the cabin a known weight (for exp. 30 % of the capacity) and read the value on the display. If the value is not correct.

Press **MENU** enter into the adress CAL.

Press **→** enter into the adress CAL and write the right value of the weight in the cabin.

**Important :** During the calibration the weight in the cabin may be not moving.

#### Step 3

**Load Settings:** 2 different loads can be programmed

Press **MENU** enter into the adress AL-O or AL-C

Press **→** enter into the adress and write the right value of the load you want to get a signal from control unit.

Press **MENU** finish the programming.

### 6) HOLD

Hold input is used for chain and travelling cable compensation and the inputs should be connected to a potencial free contact which will be closed during the travel. Use it for elevators with more than 20 m. travel.

#### Note :

If the programming keys are not used longer than 6 min. the digits turn off automatically only one segments is visible. Press any key.

-For more precision the rails must be well-lubricated.

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