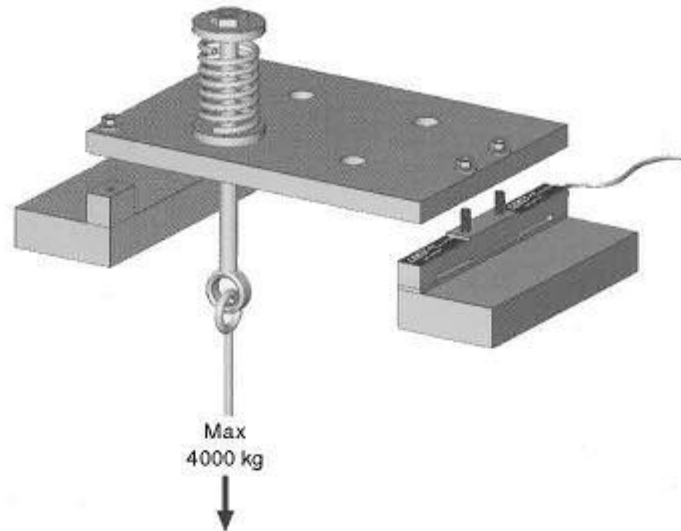


# Sky elevator®

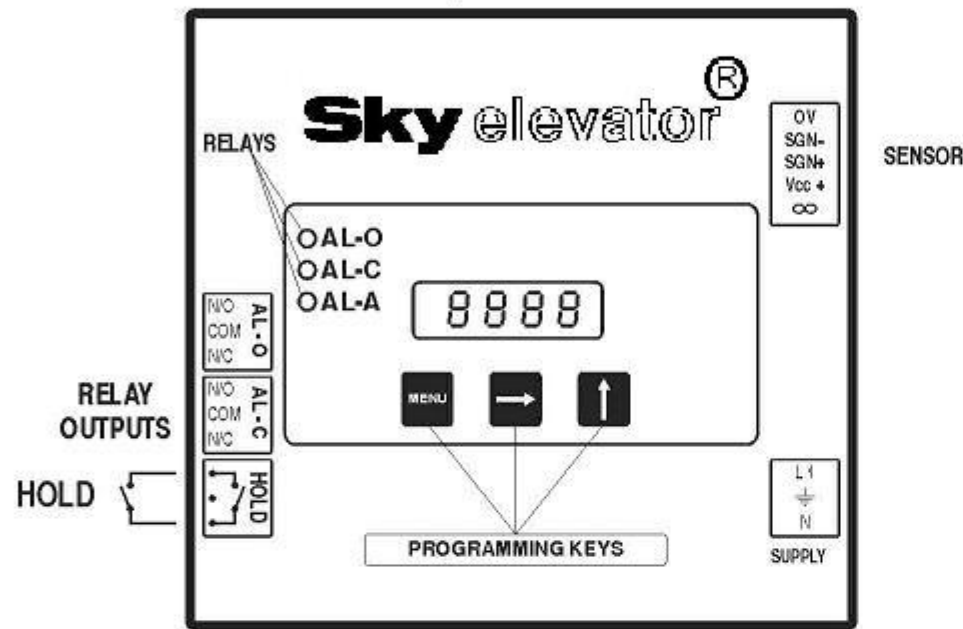
## FP INSTRUCTION MANUAL

### 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         |
| Sensitivity         | :.....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.

#### Sky Elevator

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