Quick start manual for EWS-1

Specifications and dimensions are subject to change without notice and do not constitute any liability whatsoever.

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Quick start manual for EWS-1

To reset the weight of an empty cabin
In work mode press \[\text{1234} \] to tare.

Turning off the display
In work mode press \[\text{1234} \] to turn the display off.

Enter the service menu
In work mode press \[\text{1234} \] + to enter the Settings \[\text{CAL}\]

In the settings menu:
The button \[\text{1234} \] provides a choice between the different settings in the menu.
The button \[\text{1234} \] makes you select a setting and confirm changes.

In the edit menu the \[\text{1234} \] button makes you select a digit and \[\text{1234} \] makes you change it. Press the \[\text{1234} \] button to confirm the changes made.

Settings

Set capacity (min 0kg max 5000kg)
In work mode press \[\text{1234} \] + to enter the Settings \[\text{CAL}\]
Press \[\text{1234} \] until you see \[\text{CAP}\] then press \[\text{1234} \] to enter the edit menu.

When in the edit menu use the \[\text{1234} \] and \[\text{1234} \] button to set the right capacity. Then press \[\text{1234} \] button to confirm the changes made.

Set limit minimum weight (min 0kg max 50kg)
In work mode press \[\text{1234} \] + to enter the Settings \[\text{CAL}\]
Press \[\text{1234} \] until you see \[\text{1234} \] then press \[\text{1234} \] to enter the edit menu.

When in the edit menu use the \[\text{1234} \] and \[\text{1234} \] button to set the right capacity.
Then press \[\text{1234} \] button to confirm the changes made.

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Set limit at 90% capacity (min 0kg max 5000kg)
In work mode press \( \text{[1234]} \) + \( \text{[C4L]} \) to enter the Settings
Press \( \text{[a]} \) until you see \( \text{[90]} \) then press \( \text{[a]} \) to enter the edit menu.
When in the edit menu use the \( \text{[a]} \) and \( \text{[v]} \) button to set the right capacity. Then press \( \text{[v]} \) button to confirm the changes made.

Set limit at 110% capacity (min 0kg max 5000kg)
In work mode press \( \text{[1234]} \) + \( \text{[C4L]} \) to enter the Settings
Press \( \text{[a]} \) until you see \( \text{[110]} \) then press \( \text{[a]} \) to enter the edit menu.
When in the edit menu use the \( \text{[a]} \) and \( \text{[v]} \) button to set the right capacity. Then press \( \text{[v]} \) button to confirm the changes made.

Set automatic zero after this amount of seconds (min 0 max 60 second)
In work mode press \( \text{[1234]} \) + \( \text{[C4L]} \) to enter the Settings
Press \( \text{[a]} \) until you see \( \text{[10]} \) then press \( \text{[a]} \) to enter the edit menu.
When in the edit menu use the \( \text{[a]} \) and \( \text{[v]} \) button to set the right time. Then press \( \text{[v]} \) button to confirm the changes made.

Set range for which automatic zero is activated (min 5kg max 50kg)
In work mode press \( \text{[1234]} \) + \( \text{[C4L]} \) to enter the Settings
Press \( \text{[a]} \) until you see \( \text{[0]} \) then press \( \text{[a]} \) to enter the edit menu.
When in the edit menu use the \( \text{[a]} \) and \( \text{[v]} \) button to set the right capacity. Then press \( \text{[v]} \) button to confirm the changes made.

Setup operating mode of the relay (normal inverse)
In work mode press \( \text{[1234]} \) + \( \text{[C4L]} \) to enter the Settings
Press \( \text{[a]} \) until you see \( \text{[0]} \) then press \( \text{[a]} \) to enter the edit menu.

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4/6
Quick start manual for EWS-1

When in the edit menu use the button to set either or for either the normal or inversed mode of the relays. Then press button to confirm your choice.

### Inverse mode

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Normally closed</th>
<th>Normally open</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15 90 110</td>
<td>15 90 110</td>
</tr>
<tr>
<td>No power</td>
<td>1 1 1</td>
<td>0 0 0</td>
</tr>
<tr>
<td>There is a power, level is not reached</td>
<td>0 0 0</td>
<td>1 1 1</td>
</tr>
<tr>
<td>Limit passenger</td>
<td>1 0 0</td>
<td>0 1 1</td>
</tr>
<tr>
<td>Limit 90%</td>
<td>1 1 0</td>
<td>0 0 1</td>
</tr>
<tr>
<td>Limit 110%</td>
<td>1 1 1</td>
<td>0 0 0</td>
</tr>
</tbody>
</table>

### Normal mode

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Normally closed</th>
<th>Normally open</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15 90 110</td>
<td>15 90 110</td>
</tr>
<tr>
<td>No power</td>
<td>1 1 1</td>
<td>0 0 0</td>
</tr>
<tr>
<td>There is a power, level is not reached</td>
<td>1 1 1</td>
<td>0 0 0</td>
</tr>
<tr>
<td>Limit passenger</td>
<td>0 1 1</td>
<td>1 0 0</td>
</tr>
<tr>
<td>Limit 90%</td>
<td>0 0 1</td>
<td>1 1 0</td>
</tr>
<tr>
<td>Limit 110%</td>
<td>0 0 0</td>
<td>1 1 1</td>
</tr>
</tbody>
</table>

### Reset to factory setting

In work mode press + + to enter the Settings

Press until you see then press to enter the edit menu.

When in the edit menu use the button to set either or to either confirm the reset or not. Then press button to confirm your choice.

### Reset values:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calibration weight</td>
<td>0kg</td>
</tr>
<tr>
<td>Rated capacity</td>
<td>400kg</td>
</tr>
<tr>
<td>Periodicity auto zero of gained weight</td>
<td>2sec.</td>
</tr>
<tr>
<td>Range of zero gained weight</td>
<td>15kg</td>
</tr>
<tr>
<td>Operating mode of the relay</td>
<td>Inverse</td>
</tr>
</tbody>
</table>

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Quick start manual for EWS-1

END

Press \( \uparrow \) until you see \( \text{End} \) then press \( \downarrow \) to leave the settings menu.

When you want to stay in the settings menu press the \( \uparrow \) button to go back to \( \text{CAL} \).

Calibration

Calibration mode

Enter the calibration weight

Set empty weight of the cabin

Set the weight of the cabin and the calibration weight

For calibration prepare the **calibration weight** which is between 20% and 50% of the lift capacity.

In work mode press \( \uparrow + \downarrow \) to enter the Settings menu.

Now press the \( \downarrow \) button to enter the calibration menu.

In the calibration menu use the \( \uparrow \) and \( \downarrow \) button to set the calibration weight. Then press \( \downarrow \) button to confirm the changes made. Now you should see the \( \text{SEEO} \) setting.

Now press the \( \downarrow \) button to enter the empty weight setting. Make sure the elevator is empty and press the \( \downarrow \) button to confirm. Now you should see the \( \text{SEEH} \) setting.

Now press the \( \downarrow \) button to enter the weight of the calibration weight and the cabin together. Make sure the elevator is loaded with the calibration weight and press the \( \downarrow \) button to confirm.

You have now successfully calibrated the Elevator weighing system.