1. Mechanical installation must be carried out in accordance with the requirements
   Refer to Technical Manual, chapter 4.3

2. Electrical Connection
   Refer to Technical Manual, chapter 4.4

   Load cell connection:

   4-wire load cell connection

   6-wire load cell connection

3. Programming and calibration
   Refer to Technical Manual, chapter 6.1.

<table>
<thead>
<tr>
<th>Display</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>[123.456 kg]</td>
<td>Press Enter key until [PASSWORD : ] prompt appears</td>
</tr>
<tr>
<td>[PASSWORD]</td>
<td>Enter your 4 digit passport by pressing keys sequentially. (Default is 1111)</td>
</tr>
<tr>
<td>[PASSWORD ****]</td>
<td>Press Enter key.</td>
</tr>
<tr>
<td>[1—INTERFACE ]</td>
<td>You entered to the programming main menu and the first main block [1—INTERFACE ] prompt appears.</td>
</tr>
</tbody>
</table>

Change the parameter blocks by pressing ↑ and ↓ keys. After reaching the desired block press Enter key.
3.1 Scale definition

Select parameter [523] (Max / d) and press Enter key.

- [CAP] Define the scale capacity by pressing the numerical keys and confirm with Enter key.
- [d] Select the scale resolution by pressing the 0 key and confirm with Enter key.

3.2 Calibration

3.2.1 Calibration with test weights

Refer to Technical Manual, chapter 6.5

- Press 2 x Enter key until parameter-block [6-- Calb / Adjust] appears. Select parameter 611.
- Press Enter key to start the calibration, the message „Unload the Pan“ appears
- Unload the scale and confirm with Enter key
- Place the suggested weight on the scale or change it by the numerical keys
- After the successful calibration, the next parameter appears on the display
- Press Enter or until the message [SAVE] appears to leave the menu. Confirm with Enter key

The calibration with test weights has been successfully completed- the scale is now ready to use!

3.2.2 Electronic calibration (eCal)

*Note: Define the scale capacity and resolution before starting the eCal (Refer to chapter 3.1)*!

Enter the parameter [613] and confirm with Enter key

- **[Total LC Capacity]** Enter total load cell capacity via numerical keys. Example: If the scale has 4 load cells with 1000kg => Enter: 4000
- **[Average LC OUT]** Enter load cell output in mV/V via numerical keys. The rated output is defined on Final Data Summary, which is attached to every load cell

Example for a scale with 4 load cells:

WZ1 = 2,0010; WZ2 = 1,9998; WZ3 = 1,9986; WZ4 = 2,0002 =>

(2,0010 + 1,9998 + 1,9986 + 2,0002) / 4 => Enter: 2000 (average value of all load cell)

- **[Zero Adjustment]** Confirm with Enter key if the scale is empty to do the zero calibration
  - After the successful calibration, the next parameter appears on the display
  - Press Enter or until the message [SAVE] appears to leave the menu.

The electronic calibration eCal has been successfully completed- the scale is now ready to use!